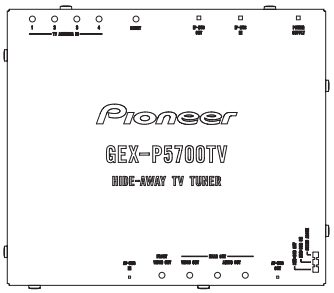
Pioneer *sound.vision.soul*

Service Manual

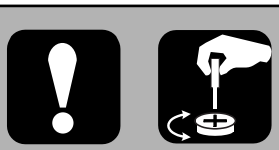


GEX-P5700TV/UC

ORDER NO.
CRT3481

HIDE AWAY TV TUNER

GEX-P5700TV/UC
GEX-P5700TVP/EW
GEX-P5750TV/ES
GEX-P5750TVP/ES



For details, refer to "Important Check Points for Good Servicing".

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
ⓒ**PIONEER CORPORATION 2005**

K-ZZW. MAY 2005 Printed in Japan

SAFETY INFORMATION

CAUTION

This service manual is intended for qualified service technicians; it is not meant for the casual do-it-yourselfer.
Qualified technicians have the necessary test equipment and tools, and have been trained to properly and safely repair complex products such as those covered by this manual.
Improperly performed repairs can adversely affect the safety and reliability of the product and may void the warranty.
If you are not qualified to perform the repair of this product properly and safely, you should not risk trying to do so and refer the repair to a qualified service technician.

● **UC**

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, birth defects or other reproductive harm.
Health & Safety Code Section 25249.6 - Proposition 65

● **EW, ES**

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replaced only with the same or equivalent type recommended by the manufacture.
Discord used batteries according to the manufacture's instructions.

[Important Check Points for Good Servicing]

In this manual, procedures that must be performed during repairs are marked with the below symbol.
Please be sure to confirm and follow these procedures.

1. Product safety

Please conform to product regulations (such as safety and radiation regulations), and maintain a safe servicing environment by following the safety instructions described in this manual.

① Use specified parts for repair.

Use genuine parts. Be sure to use important parts for safety.

② Do not perform modifications without proper instructions.

Please follow the specified safety methods when modification(addition/change of parts) is required due to interferences such as radio/TV interference and foreign noise.

③ Make sure the soldering of repaired locations is properly performed.

When you solder while repairing, please be sure that there are no cold solder and other debris.
Soldering should be finished with the proper quantity. (Refer to the example)

④ Make sure the screws are tightly fastened.

Please be sure that all screws are fastened, and that there are no loose screws.

⑤ Make sure each connectors are correctly inserted.

Please be sure that all connectors are inserted, and that there are no imperfect insertion.

⑥ Make sure the wiring cables are set to their original state.

Please replace the wiring and cables to the original state after repairs.
In addition, be sure that there are no pinched wires, etc.

⑦ Make sure screws and soldering scraps do not remain inside the product.

Please check that neither solder debris nor screws remain inside the product.

⑧ There should be no semi-broken wires, scratches, melting, etc. on the coating of the power cord.

Damaged power cords may lead to fire accidents, so please be sure that there are no damages.
If you find a damaged power cord, please exchange it with a suitable one.

⑨ There should be no spark traces or similar marks on the power plug.

When spark traces or similar marks are found on the power supply plug, please check the connection and advise on secure connections and suitable usage. Please exchange the power cord if necessary.

⑩ Safe environment should be secured during servicing.

When you perform repairs, please pay attention to static electricity, furniture, household articles, etc. in order to prevent injuries.
Please pay attention to your surroundings and repair safely.

2. Adjustments

To keep the original performance of the products, optimum adjustments and confirmation of characteristics within specification.
Adjustments should be performed in accordance with the procedures/instructions described in this manual.

3. Lubricants, Glues, and Replacement parts

Use grease and adhesives that are equal to the specified substance.
Make sure the proper amount is applied.

4. Cleaning

For parts that require cleaning, such as optical pickups, tape deck heads, lenses and mirrors used in projection monitors, proper cleaning should be performed to restore their performances.

5. Shipping mode and Shipping screws

To protect products from damages or failures during transit, the shipping mode should be set or the shipping screws should be installed before shipment. Please be sure to follow this method especially if it is specified in this manual.

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1. SPECIFICATIONS

● GEX-P5700TV/UC

General

Power source ..... 14.4 V DC (10.8 – 15.1 V allowable)
Grounding system ..... Negative type
Max. current consumption ..... 0.6 A
Backup current ..... 2 mA or less
Dimensions (W × H × D) ... 172 × 30 × 150 mm (6-3/4 × 1-1/8 × 5-7/8 in.)
Weight ..... 0.7 kg (1.54 lbs)

TV tuner

Reception channel ..... VHF 2 – 13 ch, UHF 14 – 69 ch
Color system ..... NTSC compatible
Usable sensitivity ..... 11 dBμ (75 Ω, Mono)
Video S/N ..... Over 40 dB (59 dBμ RF input, White Peak 100%)
Video S/N 30 dB usable sensitivity ..... 44 dBμ
Antenna input ..... 4 ch Diversity (ø 3.5 mm Mini plug type)

Rear display output

Video ..... 1 Vp-p/75Ω (TV: White 100% Modulated)
Sound ..... 500 mVrms/15kΩ (TV: 100% Modulated)

● GEX-P5700TVP/EW

General

Rated power source ..... 14.4 V DC (allowable voltage range: 12.0 – 14.4 V DC)
Grounding system ..... Negative type
Max. current consumption ..... 0.6 A
Backup current ..... 2 mA or less
Dimensions (W × H × D) ... 172 × 30 × 150 mm
Weight ..... 0.7 kg

TV tuner

Reception channel/TV system (For each area group) ..... Area 1 : (CCIR/B, G, H) : VHF 2 – 12 ch, UHF 21 – 69 ch
Area 2 : (ITALY/B, G, H) : VHF A – H2 ch, UHF 21 – 69 ch
Area 3 : (UK, IRELAND/I) : VHF A – K ch, UHF 21 – 69 ch
Area 4 : (OIRT/D, K) : VHF R1 – R12 ch, UHF 21 – 69 ch
Color system ..... PAL/SECAM compatible
Usable sensitivity ..... 18 dBμ (75 Ω, Mono)
Video S/N ..... Over 37 dB (59 dBμ RF input, White Peak 100%)
Video S/N 30 dB usable sensitivity ..... 45 dBμ
Antenna input ..... 4 ch Diversity (ø 3.5 mm Mini plug type)

Rear display output

Video ..... 1 Vp-p/75Ω (TV: White 100% Modulated)
Sound ..... 500 mVrms/Less than 1kΩ (TV: 100% Modulated)

● GEX-P5750TVP/ES

General

Rated power source ..... 14.4 V DC (allowable voltage range: 12.0 – 14.4 V DC)
Grounding system ..... Negative type
Max. current consumption ..... 0.6 A
Backup current ..... 2 mA or less
Dimensions (W × H × D) ... 172 × 30 × 150 mm
Weight ..... 0.7 kg

TV tuner

Reception channel/TV system (For each country group) ..... Area 1 : (CCIR) : VHF 2 – 12 ch, UHF 21 – 69 ch
Area 2 : (IN) : VHF A – H2 ch, UHF 21 – 69 ch
Area 3 : (CHN) : VHF A – K ch, UHF 21 – 69 ch
Area 4 : (UK) : VHF R1 – R12 ch, UHF 21 – 69 ch
Area 5 : (OIRT) : VHF 2 – 12 ch, UHF 21 – 69 ch
Area 6 : (AUSTRALIA) : VHF 0 – 11 ch, UHF 28 – 69 ch
Area 7 : (SAF) : VHF 4 – 11, 13 ch, UHF 21 – 69 ch
Color system ..... PAL/SECAM compatible
Usable sensitivity ..... 18 dBμ (75 Ω, Mono)
Video S/N ..... Over 37 dB (59 dBμ RF input, White Peak 100%)
Video S/N 30 dB usable sensitivity ..... 45 dBμ
Antenna input ..... 4 ch Diversity (ø 3.5 mm Mini plug type)

Rear display output

Video ..... 1 Vp-p/75Ω (TV: White 100% Modulated)
Sound ..... 500 mVrms/Less than 1kΩ (TV: 100% Modulated)

Infrared remote control

Wavelength ..... 945 nm
Output ..... typ; 12 mw/sr per Infrared LED

● GEX-P5750TV/ES

General

Rated power source ..... 14.4 V DC (allowable voltage range: 12.0 – 14.4 V DC)
Grounding system ..... Negative type
Max. current consumption ..... 0.6 A
Backup current ..... 2 mA or less
Dimensions (W × H × D) ... 172 × 30 × 150 mm
Weight ..... 0.7 kg

TV tuner

Reception channel ..... VHF 2 – 13 ch, UHF 14 – 69 ch
Color system ..... NTSC/PAL-M compatible
Usable sensitivity ..... 11 dBμ (75 Ω, Mono)
Video S/N ..... Over 40 dB (59 dBμ RF input, White Peak 100%)
Video S/N 30 dB usable sensitivity ..... 44 dBμ
Antenna input ..... 4 ch Diversity (ø 3.5 mm Mini plug type)

Rear display output

Video ..... 1 Vp-p/75Ω (TV: White 100% Modulated)
Sound ..... 500 mVrms/Less than 1kΩ (TV: 100% Modulated)

Infrared remote control

Wavelength ..... 945 nm
Output ..... typ; 12 mw/sr per Infrared LED

Note

Specifications and the design are subject to possible modifications without notice due to improvements. ▣

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2. EXPLODED VIEWS AND PARTS LIST

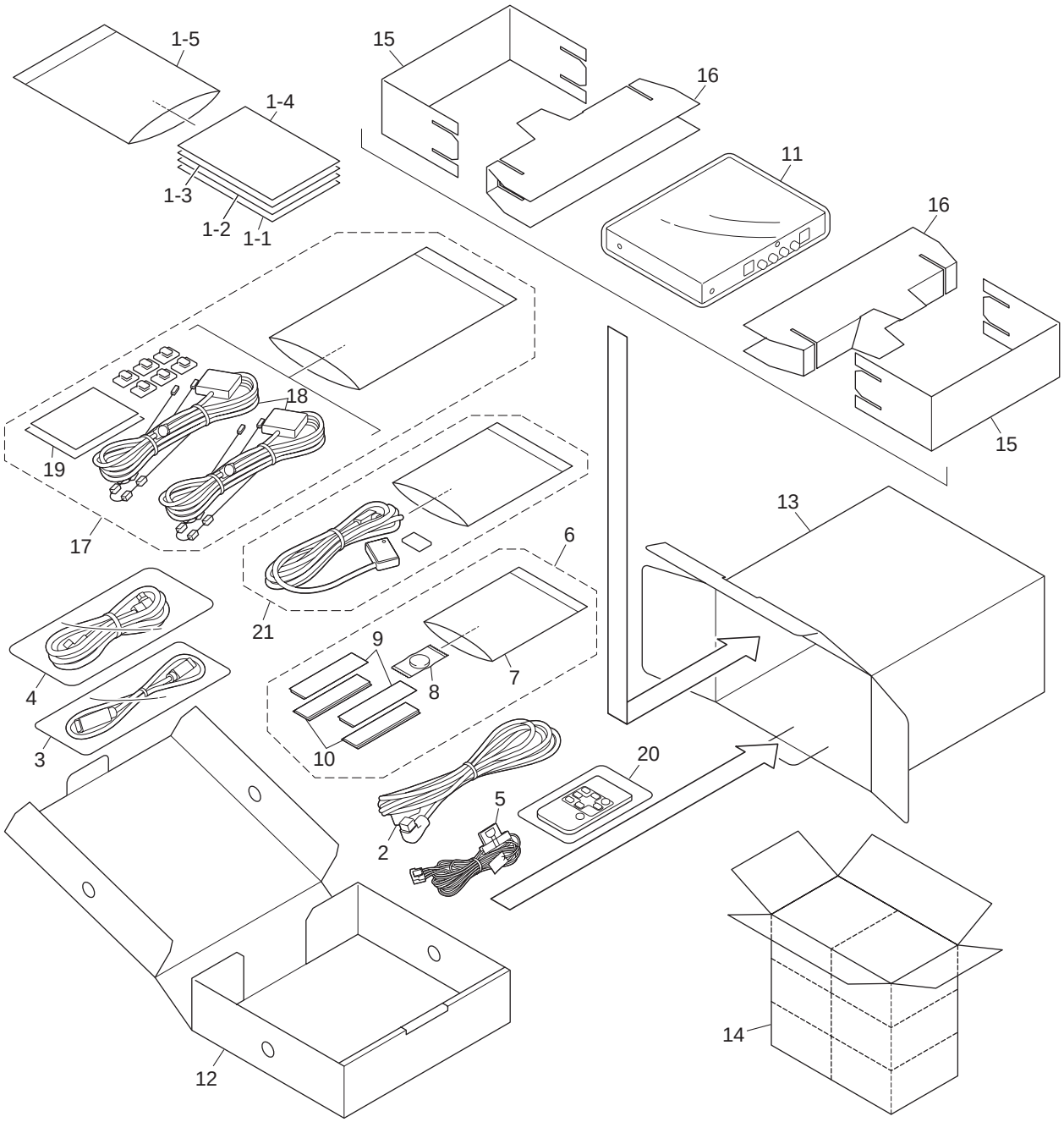
*NOTES : • Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.*

• The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

• Screw adjacent to▽mark on the product are used for disassembly.

• For the applying amount of lobricants or glue, follow the instructions in this manual. (In the case of no amount instructions,apply as you think it appropriate.)

2.1 PACKING (GEX-P5700TV/UC, P5700TVP/EW)



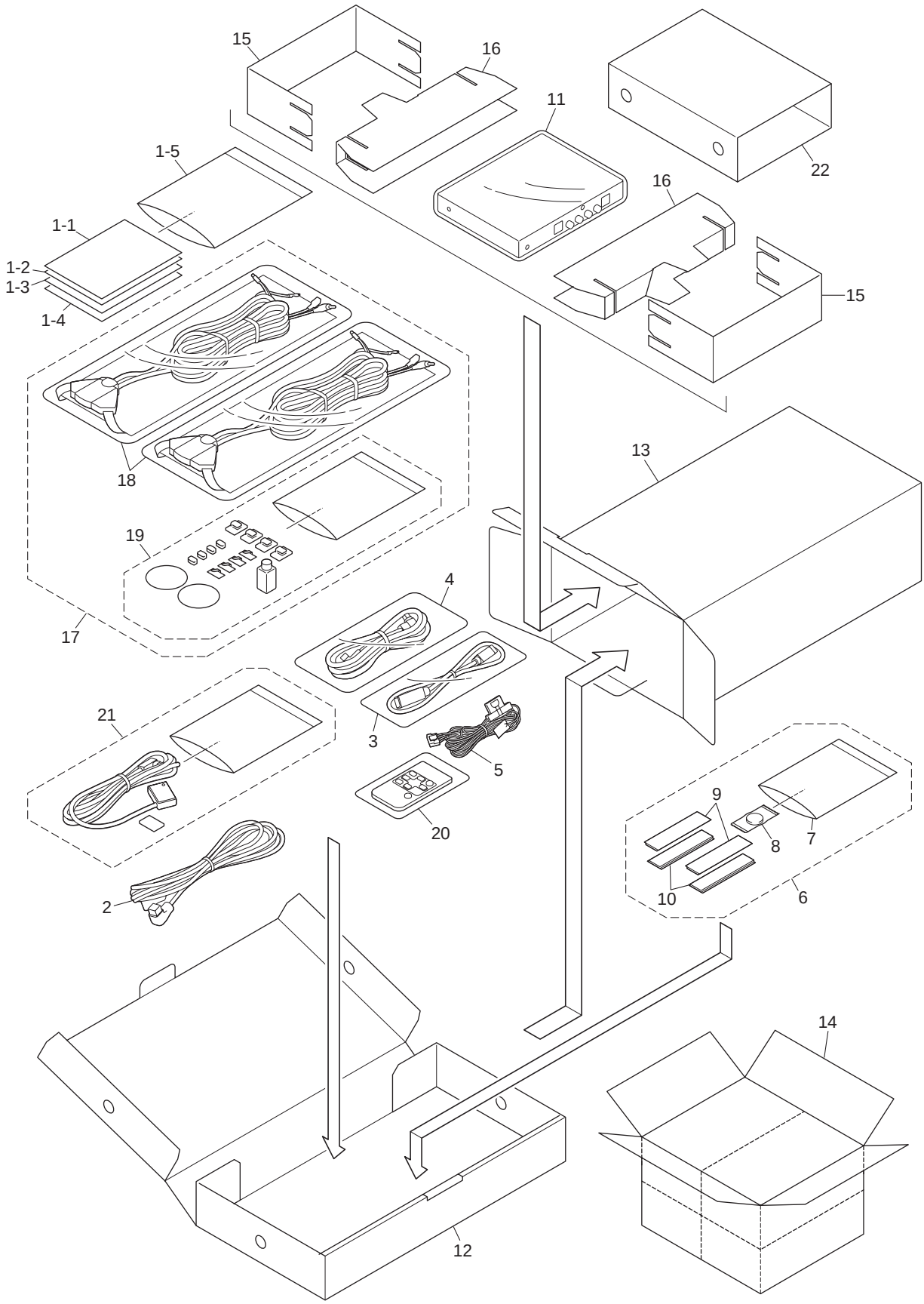
PACKING (GEX-P5700TV/UC, P5700TVP/EW) SECTION PARTS LIST

Mark	No.	Description	GEX-P5700TV/UC	GEX-P5700TVP/EW
*	1-1	Card	ARY1048	Not used
	1-2	Owner's Manual	CRD3993	CRD3990
	1-3	Installation Manual	CRD3994	CRD3992
*	1-4	Warranty Card	Not used	CRY1157
	1-5	Polyethylene Bag	CEG1116	CEG1116
	2	Cord Assy	CDE5880	CDE5880
	3	Cord Assy	CDE7018	CDE7018
	4	Cord Assy	CDE7837	CDE7837
	5	Cord Assy	CDE7892	CDE7892
	6	Accessory Assy	CEA5186	CEA5186
*	7	Polyethylene Bag	CEG1101	CEG1101
*	8	Battery	CEX1065	CEX1065
	9	Fastener(Rough)	CNM3728	CNM3728
	10	Fastener(Soft)	CNM3729	CNM3729
	11	Cover	CEG1098	CEG1098
	12	Sub Carton	CHG5501	CHG5501
	13	Carton	CHG5533	CHG5532
	14	Contain Box	CHL5533	CHL5532
	15	Protector	CHP3013	CHP3013
	16	Protector	CHP3014	CHP3014
	17	Diversity TV Antenna Assy	CXB9183	Not used
	18	Antenna Unit	CZX5019	Not used
*	19	Caution Card	CZR3093	Not used
	20	Remote Control Assy	CXC4699	CXC4699
	21	Remote Sensor Assy	Not used	CXC4561

Owner's Manual,Installation Manual

Part No.	Language
CRD3993	English, French
CRD3994	English, French
CRD3990	English, Spanish, German, French, Italian, Dutch
CRD3392	English, Spanish, German, French, Italian, Dutch

2.2 PACKING (GEX-P5750TV/ES, P5750TVP/ES)



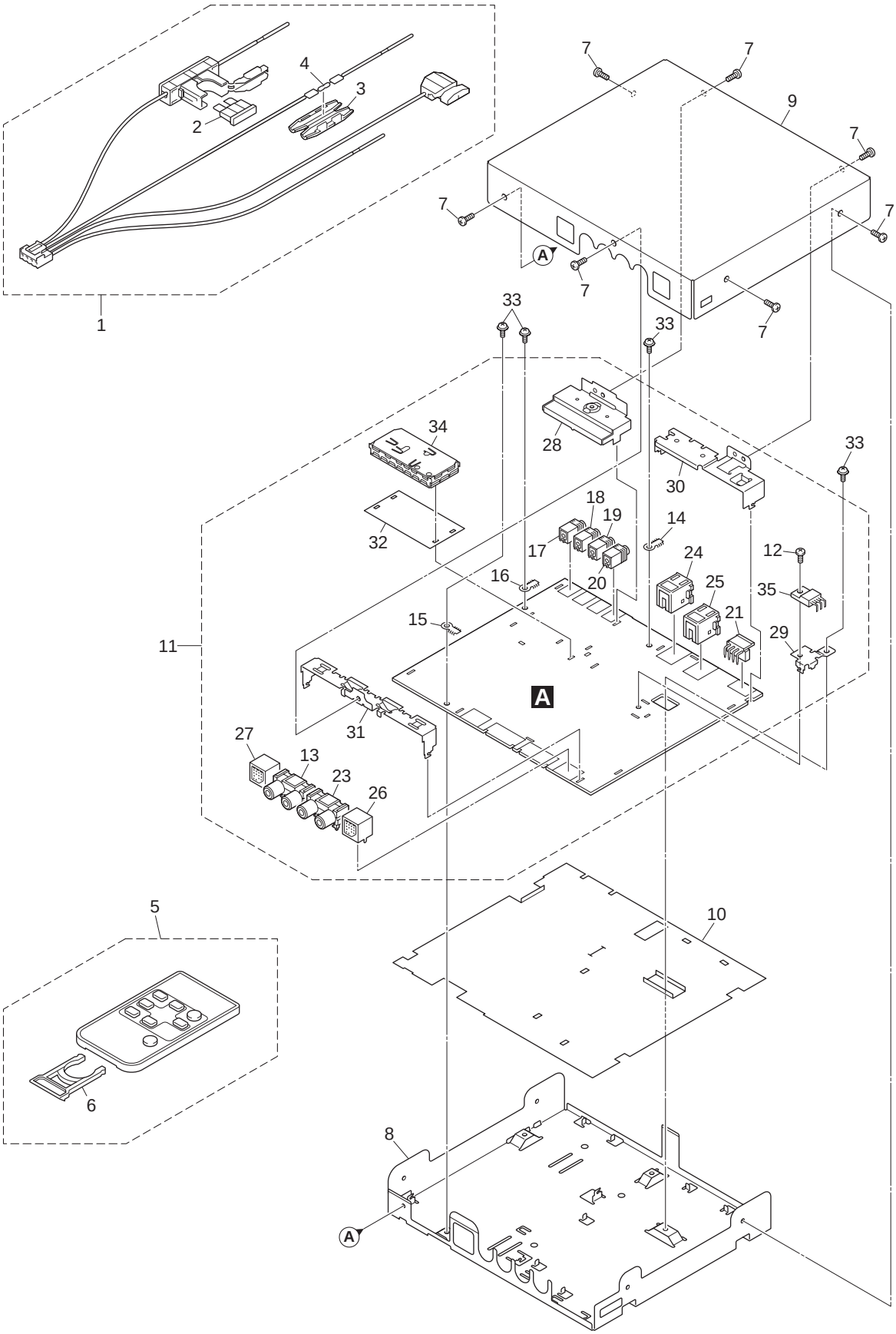
PACKING (GEX-P5750TV/ES, P5750TVP/ES) SECTION PARTS LIST

Mark	No.	Description	GEX-P5750TV/ES	GEX-P5750TVP/ES
	1-1	Owner's Manual	CRD3998	CRD3995
	1-2	Owner's Manual	CRB2121	Not used
	1-3	Installation Manual	CRD4000	CRD3997
	1-4	Installation Manual	CRB2122	Not used
	1-5	Polyethylene Bag	CEG1116	CEG1116
	2	Cord Assy	CDE5880	CDE5880
	3	Cord Assy	CDE7018	CDE7018
	4	Cord Assy	CDE7837	CDE7837
	5	Cord Assy	CDE7892	CDE7892
	6	Accessory Assy	CEA5186	CEA5186
*	7	Polyethylene Bag	CEG1101	CEG1101
*	8	Battery	CEX1065	CEX1065
	9	Fastener(Rough)	CNM3728	CNM3728
	10	Fastener(Soft)	CNM3729	CNM3729
	11	Cover	CEG1098	CEG1098
	12	Sub Carton	CHG5553	CHG5553
	13	Carton	CHG5535	CHG5534
	14	Contain Box	CHL5535	CHL5534
	15	Protector	CHP3013	CHP3013
	16	Protector	CHP3014	CHP3014
	17	Diversity TV Antenna Assy	CXC5034	CXC5034
	18	Antenna Unit	CZX8002	CZX8002
	19	Accessory Assy	CZE6504	CZE6504
	20	Remote Control Assy	CXC4699	CXC4699
	21	Remote Sensor Assy	CXC4561	CXC4561
*	22	Spacer	CHW2017	CHW2017

Owner's Manual,Installation Manual

Part No.	Language
CRB2121	Portuguese(B)
CRB2122	Portuguese(B)
CRD3998	English, Spanish, Traditional Chinese, Korean
CRD4000	English, Spanish, Traditional Chinese, Korean
CRD3995	English, Spanish, Portuguese(B), Traditional Chinese, Arabic
CRD3997	English, Spanish, Portuguese(B), Traditional Chinese, Arabic

2.3 EXTERIOR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EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	Cord Assy	CDE7892
⚠	2	Fuse(4A)	CEK1001
	3	Cap	CNS1472
	4	Resistor	RS1/2PMF102J
	5	Remote Control Assy	CXC4699
	6	Cover	CNS7068
	7	Screw	BSZ30P060FTC
	8	Chassis	CNA2820
	9	Case	See contrast table(2)
	10	Insulator	CNM9498
	11	TV Tuner Unit	See contrast table(2)
	12	Screw	BMZ30P050FTC
	13	Pin Jack(CN1474)	CKB1049
	14	Terminal(CN1477)	CKF1064
	15	Terminal(CN1478)	CKF1064
	16	Terminal(CN2601)	CKF1064
	17	Jack(CN2150)	CKN1032
	18	Jack(CN2151)	CKN1032
	19	Jack(CN2152)	CKN1032
	20	Jack(CN2153)	CKN1032
	21	Plug(CN1476)	CKS-461
	22	•••••	
	23	Pin Jack(CN1475)	CKS3144
	24	Connector(CN1471)	CKS3409
	25	Connector(CN1470)	CKS3414
	26	Connector(CN1473)	CKS4362
	27	Connector(CN1472)	CKS4590
	28	Holder	CNC9253
	29	Holder	CNC9888
	30	Holder	CND2645
	31	Holder	CND2733
	32	Insulator	CNM9499
	33	Screw	ISS26P055FTC
	34	Front End(FE2201)	See contrast table(2)
	35	Transistor(Q1858)	2SD2375

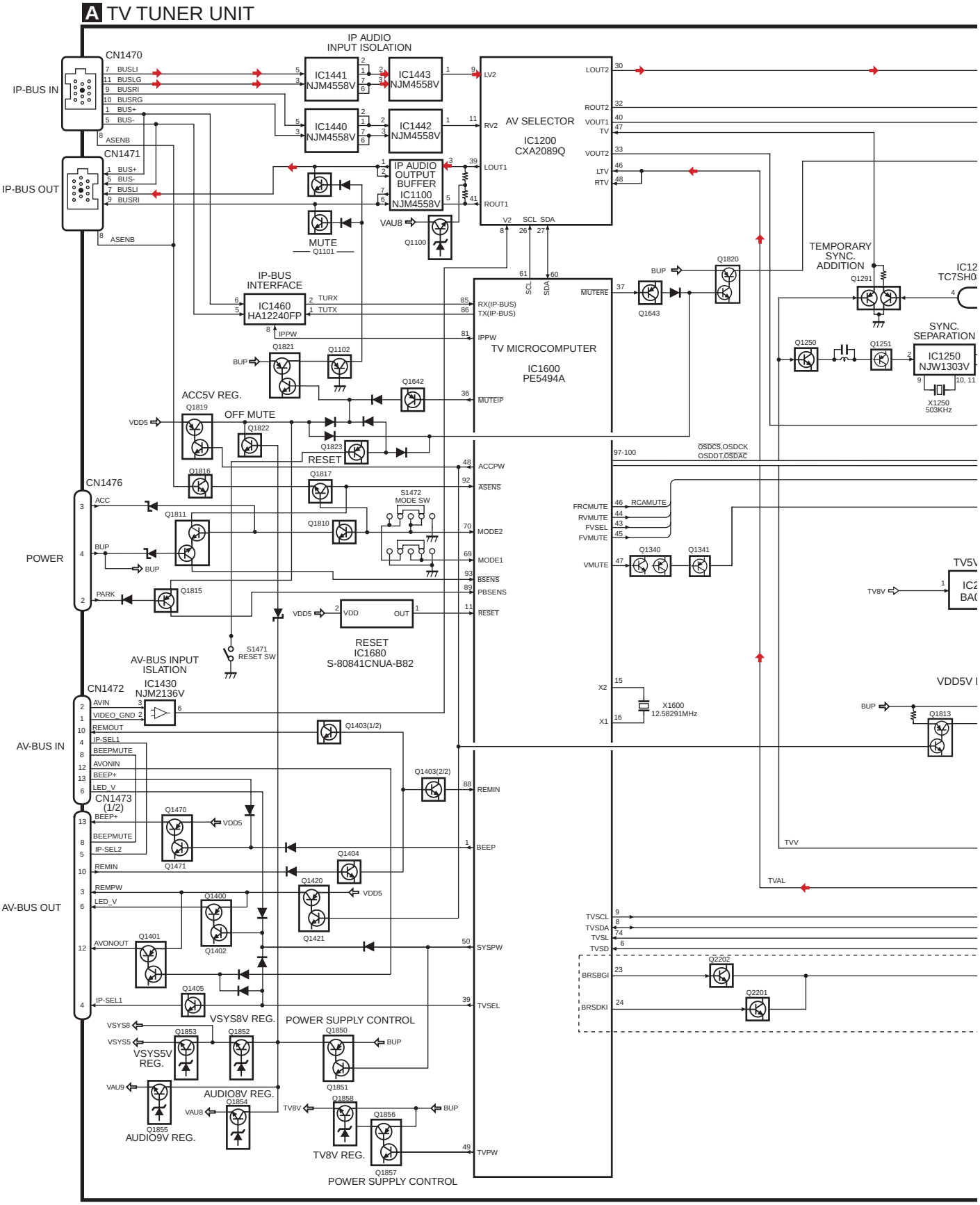
(2) CONTRAST TABLE

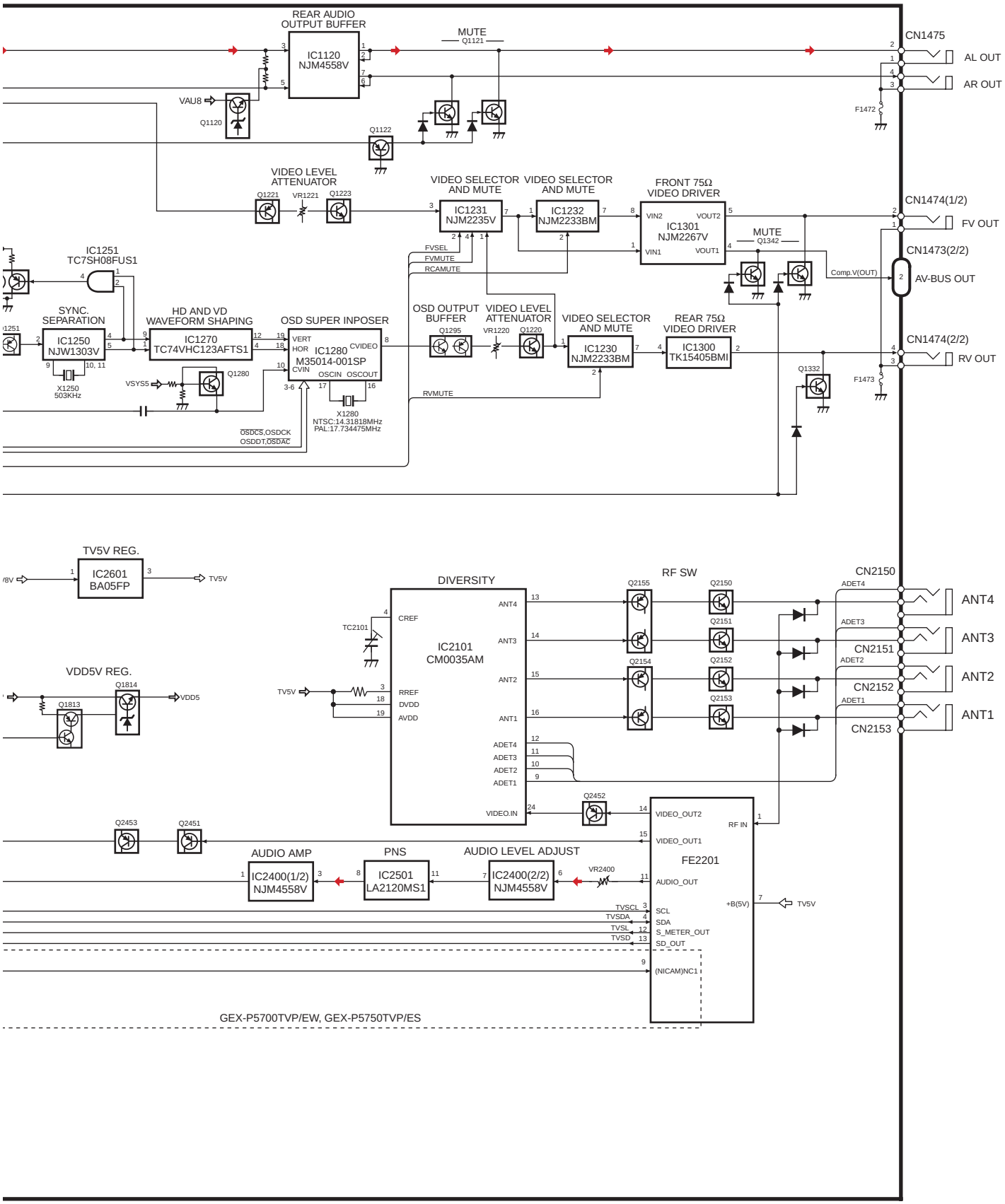
GEX-P5700TV/UC, GEX-P5700TVP/EW, GEX-P5750TV/ES and GEX-P5750TVP/ES are constructed the same except for the following:

Mark	No.	Description	GEX-P5700TV/UC	GEX-P5700TVP/EW	GEX-P5750TV/ES	GEX-P5750TVP/ES
	9	Case	CNB3146	CNB3143	CNB3145	CNB3144
	11	TV Tuner Unit	CWN1096	CWN1093	CWN1095	CWN1094
	34	Front End(FE2201)	CWB1102	CWB1103	CWB1102	CWB1103

3. BLOCK DIAGRAM AND SCHEMATIC DIAGRAM

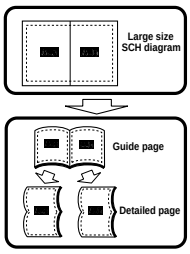
3.1 BLOCK DIAGRAM



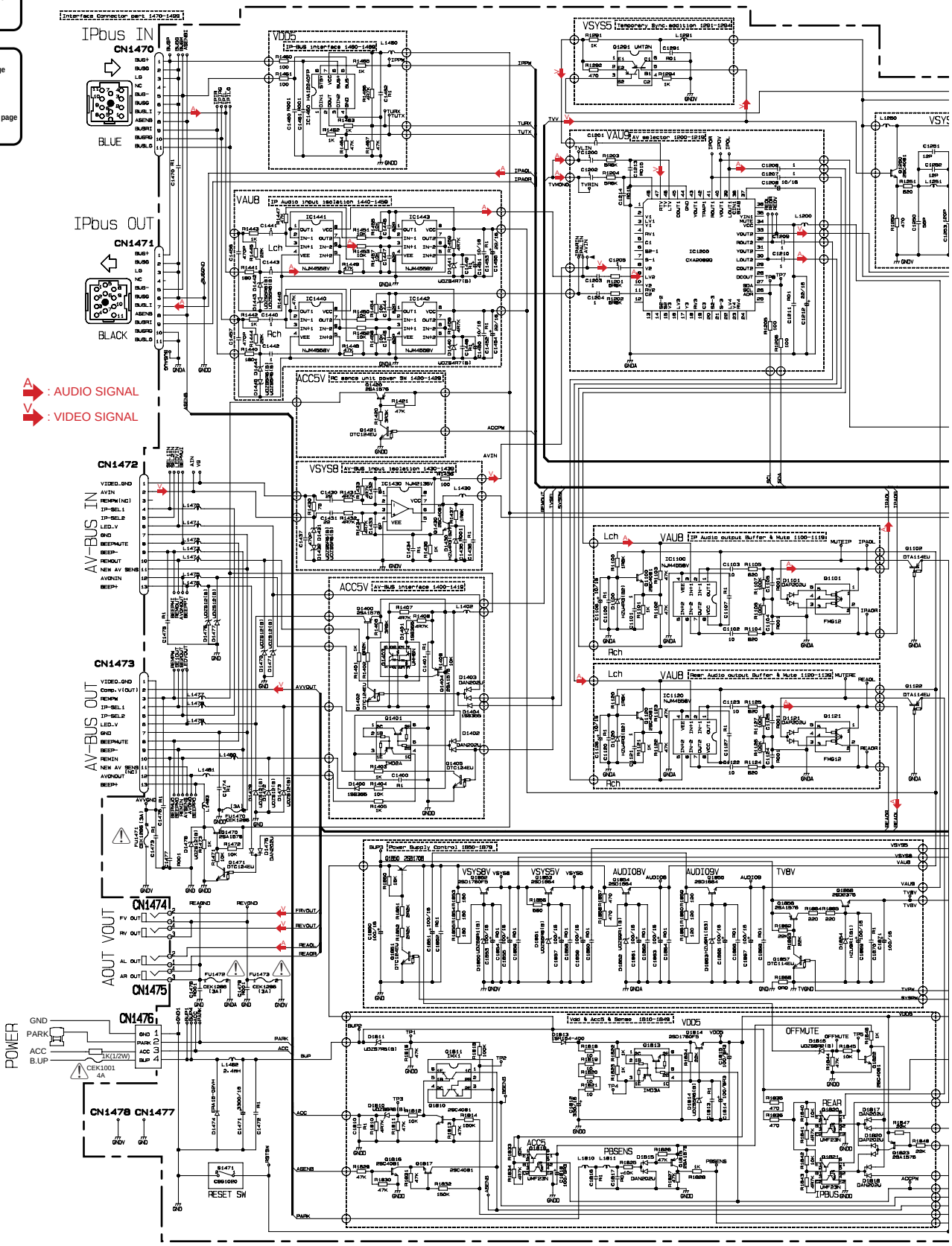

REAR AUDIO OUTPUT BUFFER
IC1120 NJM4558V
MUTE Q1121
VAU8
Q1120
Q1122
CN1475
AL OUT
AR OUT
F1472
VIDEO LEVEL ATTENUATOR
Q1221
VR1221
Q1223
VIDEO SELECTOR AND MUTE
IC1231 NJM2235V
VIDEO SELECTOR AND MUTE
IC1232 NJM2233BM
FRONT 75Ω VIDEO DRIVER
IC1301 NJM2267V
VIN2
VIN1
VOUT2
VOUT1
MUTE Q1342
CN1474(1/2)
FV OUT
CN1473(2/2)
Comp.V(OUT)
AV-BUS OUT
IC1251 TC7SH08FUS1
FVSEL
FVMUTE
RCAMUTE
SYNC. SEPARATION
IC1250 NJW1303V
HD AND VD WAVEFORM SHAPING
IC1270 TC74VHC123AFTS1
OSD SUPER INPOSER
IC1280 M35014-001SP
VERT
HOR
CVIN
CVIDEO
OSCIN
OSCOUT
X1250 503KHz
VSYS5
Q1280
X1280 NTSC:14.31818MHz PAL:17.734475MHz
OSDCS,OSDCK
OSDDT,OSDAC
OSD OUTPUT BUFFER
Q1295
VIDEO LEVEL ATTENUATOR
VR1220
Q1220
VIDEO SELECTOR AND MUTE
IC1230 NJM2233BM
REAR 75Ω VIDEO DRIVER
IC1300 TK15405BMI
CN1474(2/2)
RV OUT
Q1332
F1473
RVMUTE
TV5V REG.
IC2601 BA05FP
TV5V
VDD5V REG.
Q1814
Q1813
VDD5
DIVERSITY
IC2101 CM0035AM
CREF
TC2101
RREF
DVDD
AVDD
ANT4
ANT3
ANT2
ANT1
ADET4
ADET3
ADET2
ADET1
VIDEO.IN
RF SW
Q2155
Q2154
Q2150
Q2151
Q2152
Q2153
CN2150
CN2151
CN2152
CN2153
ANT4
ANT3
ANT2
ANT1
Q2452
Q2453
Q2451
AUDIO AMP
IC2400(1/2) NJM4558V
PNS
IC2501 LA2120MS1
AUDIO LEVEL ADJUST
IC2400(2/2) NJM4558V
VR2400
FE2201
VIDEO_OUT2
VIDEO_OUT1
AUDIO_OUT
RF IN
+B(5V)
TV5V
TVSCL
TVSDA
TVSL
TVSD
SCL
SDA
S_METER_OUT
SD_OUT
(NICAM)NC1
GEX-P5700TVP/EW, GEX-P5750TVP/ES

3.2 TV TUNER UNIT (MOTHER)(NTSC)(GUIDE PAGE)

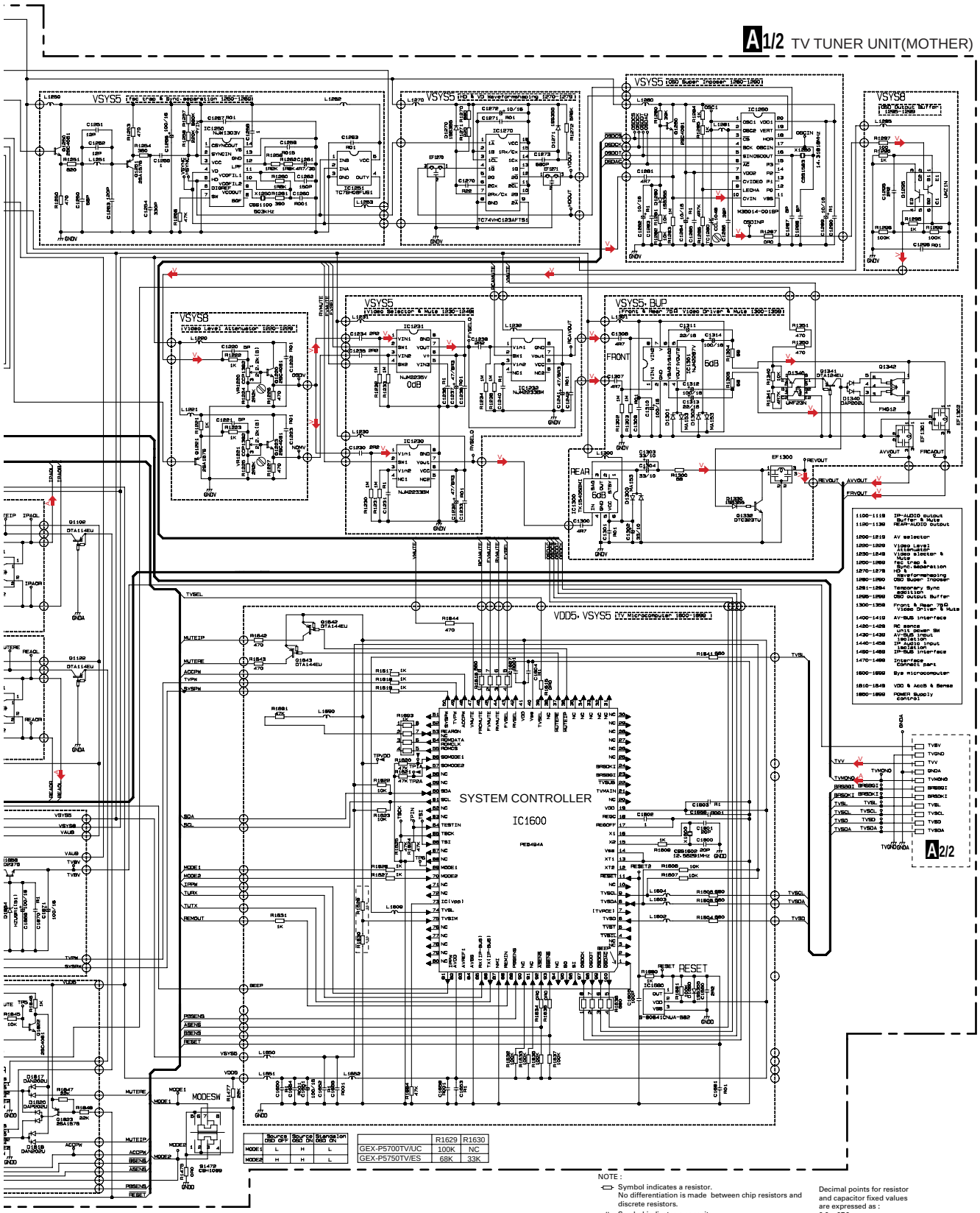
Note: When ordering service parts, be sure to refer to " EXPLODED VIEWS AND PARTS LIST" or "ELECTRICAL PARTS LIST".



*NTSC : GEX-P5700TV/UC, GEX-P5750TV/ES **A-a 1/2**



A 1/2



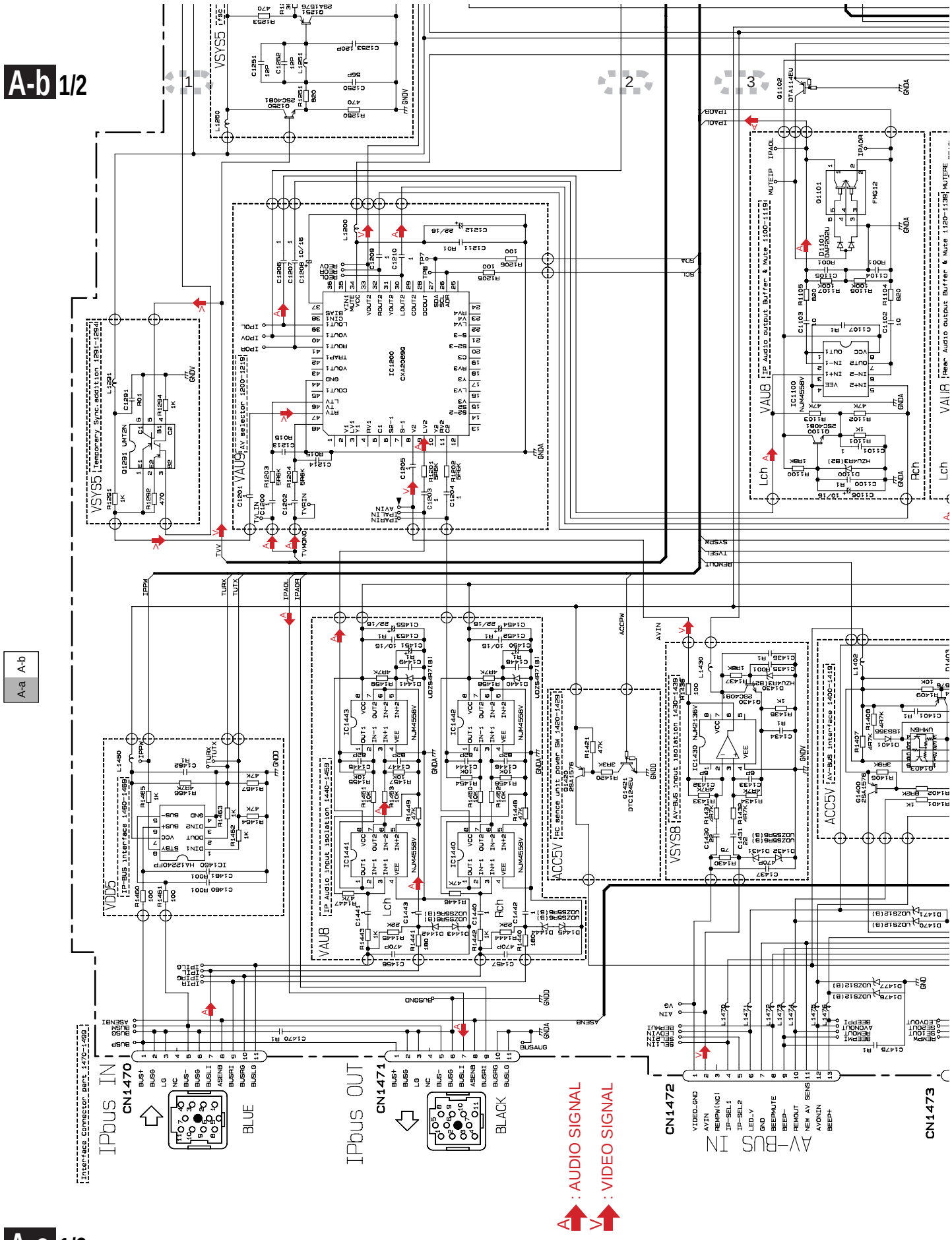
	R1629	R1630
GEX-P5700TV/UC	100K	NC
GEX-P5750TV/ES	68K	33K

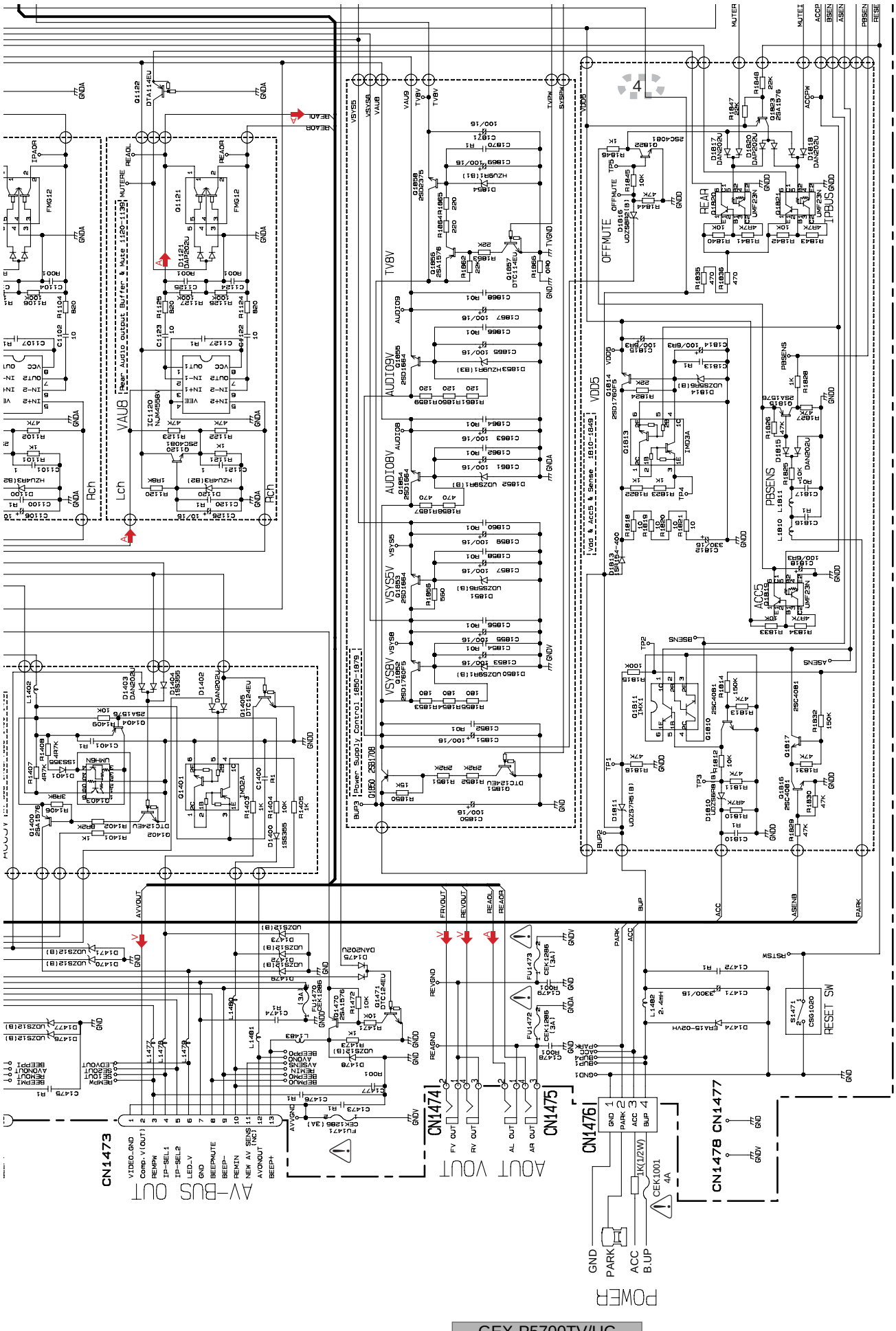
NOTE :

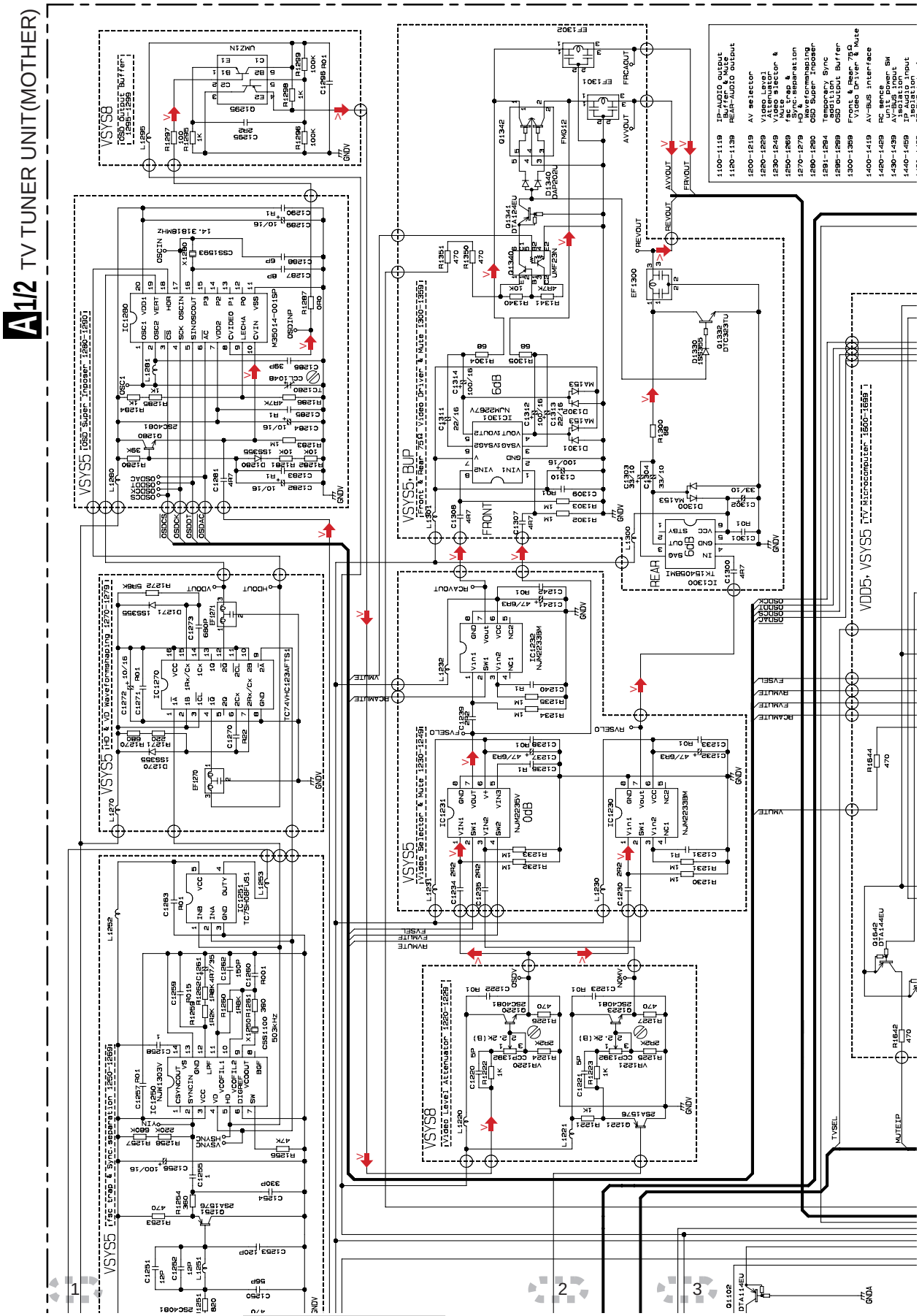
- Symbol indicates a resistor. No differentiation is made between chip resistors and discrete resistors.
- Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors.

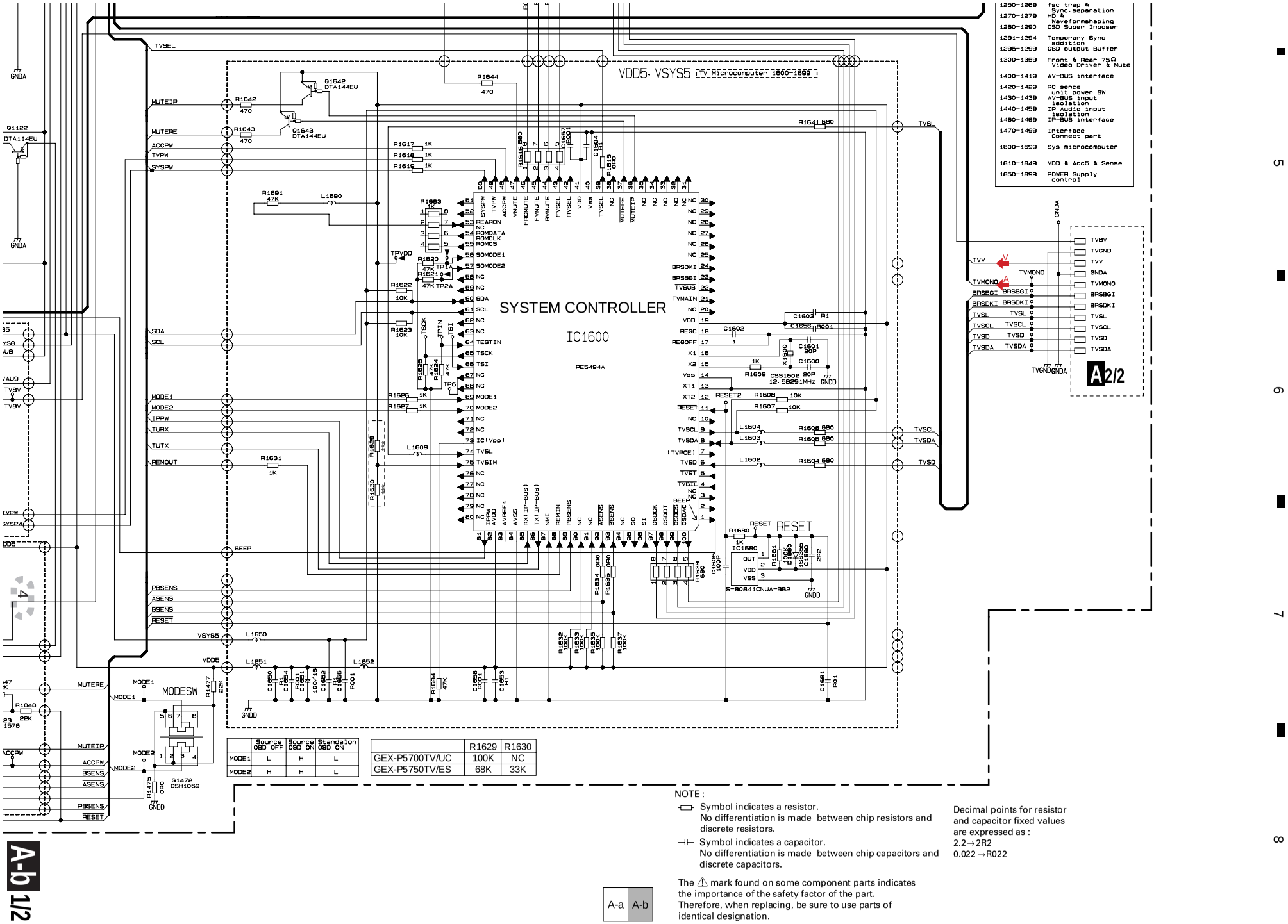
The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

Decimal points for resistor and capacitor fixed values are expressed as :
2.2→2R2
0.022→R022


IPbus IN
CN1470
BLUE
IPbus OUT
CN1471
BLACK
A : AUDIO SIGNAL
V : VIDEO SIGNAL
CN1472
AV-BUS IN
CN1473
VSYS5
VAU8
VAUR
ACC5V
VSYS8
VDD5
IC1200
CXA2089Q
IC1441
IC1442
IC1443
IC1440
NJM4558V
IC1430
NJM2136V
IC1460
HA12240FP
Lch
Rch
IP Audio output Buffer & Mute 1100-1119
Rear Audio output Buffer & Mute 1120-1139
AV selector 1200-1219
Temporary Sync.addition 1291-1294
IP-BUS interface 1460-1469
IP Audio input isolation 1440-1459
AV-BUS input isolation 1430-1439
AV-BUS interface 1400-1419
RC sence unit power SW 1420-1429
Interface Connector part 1470-1499


A-b 1/2
A-a 1/2
A-b
A-a
AV-BUS OUT
AOUT VOUT
POWER
CN1473
CN1474
CN1475
CN1476
CN1477
CN1478
VIDEO_GND
Comp. V(OUT)
REMPW
IP-SEL1
IP-SEL2
LED_V
GND
BEEPMUTE
BEEP-
REMIN
NEW AV SENS
AVONOUT
BEEP+
FV OUT
RV OUT
AL OUT
AR OUT
GND
PARK
ACC
B.UP
1K(1/2W)
CEK1001
4A
RESET SW
OFFMUTE
REAR
PBUS
PBSENS
ACC5
VAUB
TVBV
AUDIO9V
AUDIO8V
VSYS5V
VSYS8V
VDD5
Power Supply Control 1850-1875
Rear Audio output Buffer & Mute 1120-1139
Vdd & Acc5 & Sense 1810-1849
Lch
Rch


A1/2 TV TUNER UNIT(MOTHER)
VSYS8
VSYS5 DSO Super Imposer 1280-1290
VSYS5 HD & VD Waveformmapping 1270-1279
VSYS5 Video Selector & Mute 1230-1249
VSYS5 Y/C Separation 1250-1269
VSYS5 BUP
FRONT
REAR
VDD5, VSYS5
IP-AUDIO Output Buffer & Mute
REAR-AUDIO Output
AV selector
Video Level Attenuator
Video Selector & Mute
Y/C Separation
HD & VD Waveformmapping
DSO Super Imposer
Tempolary Sync addition
OSD output Buffer
Front & Rear 75Ω Video Driver & Mute
AV-BUS interface
RC sence unit Power SW
Audio Input Isolation
Audio Output Isolation
A-b 1/2
A-a
A-b
GEX-P5700TV/UC
20



	Source OSD OFF	Source OSD ON	Standalon OSD ON
MODE1	L	H	L
MODE2	H	H	L

	R1629	R1630
GEX-P5700TV/UC	100K	NC
GEX-P5750TV/ES	68K	33K

NOTE :

- Symbol indicates a resistor. No differentiation is made between chip resistors and discrete resistors.
- Symbol indicates a capacitor. No differentiation is made between chip capacitors and discrete capacitors.

The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

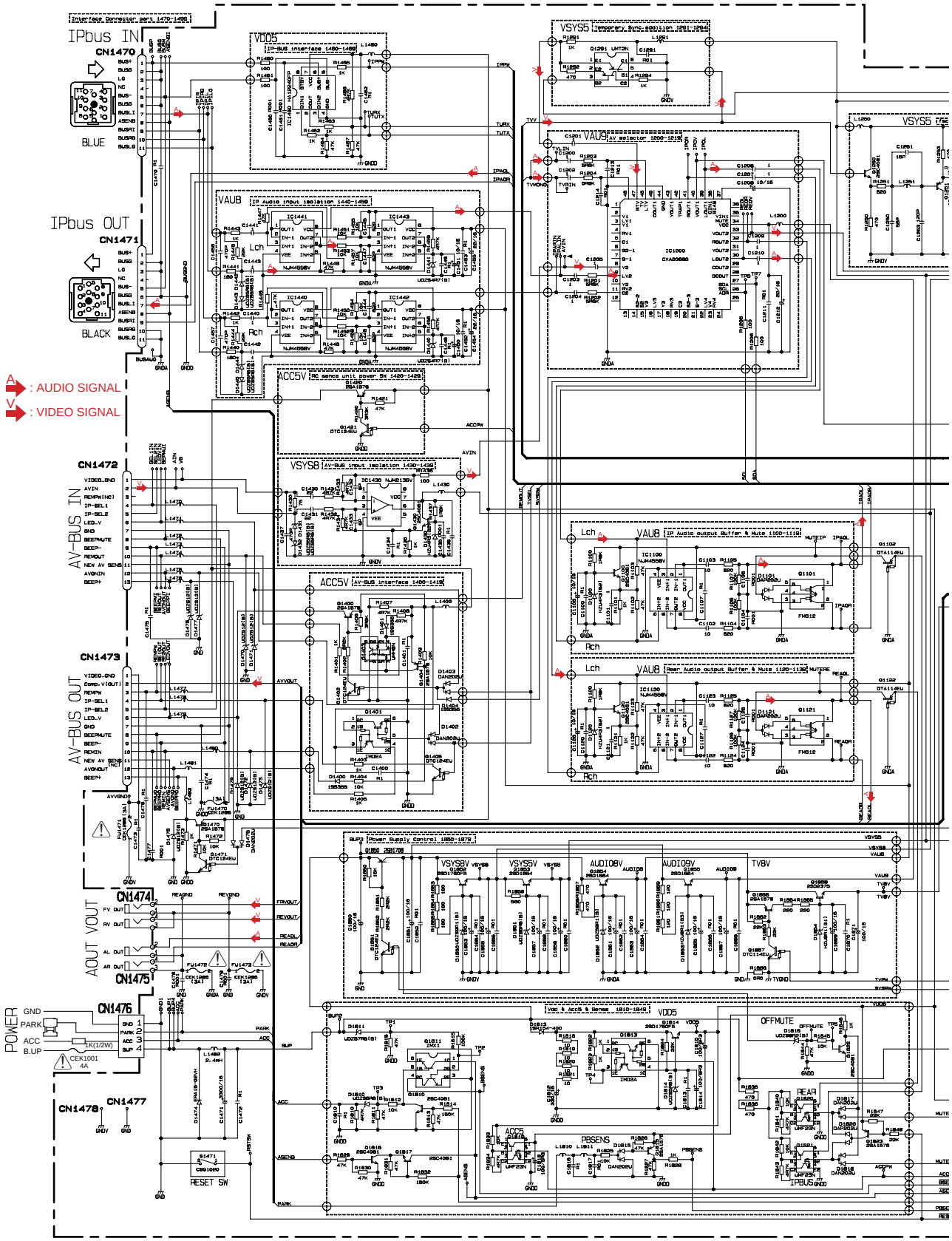
Decimal points for resistor and capacitor fixed values are expressed as :
2.2→2R2
0.022→R022

A-a A-b

3.3 TV TUNER UNIT (MOTHER)(PAL)(GUIDE PAGE)

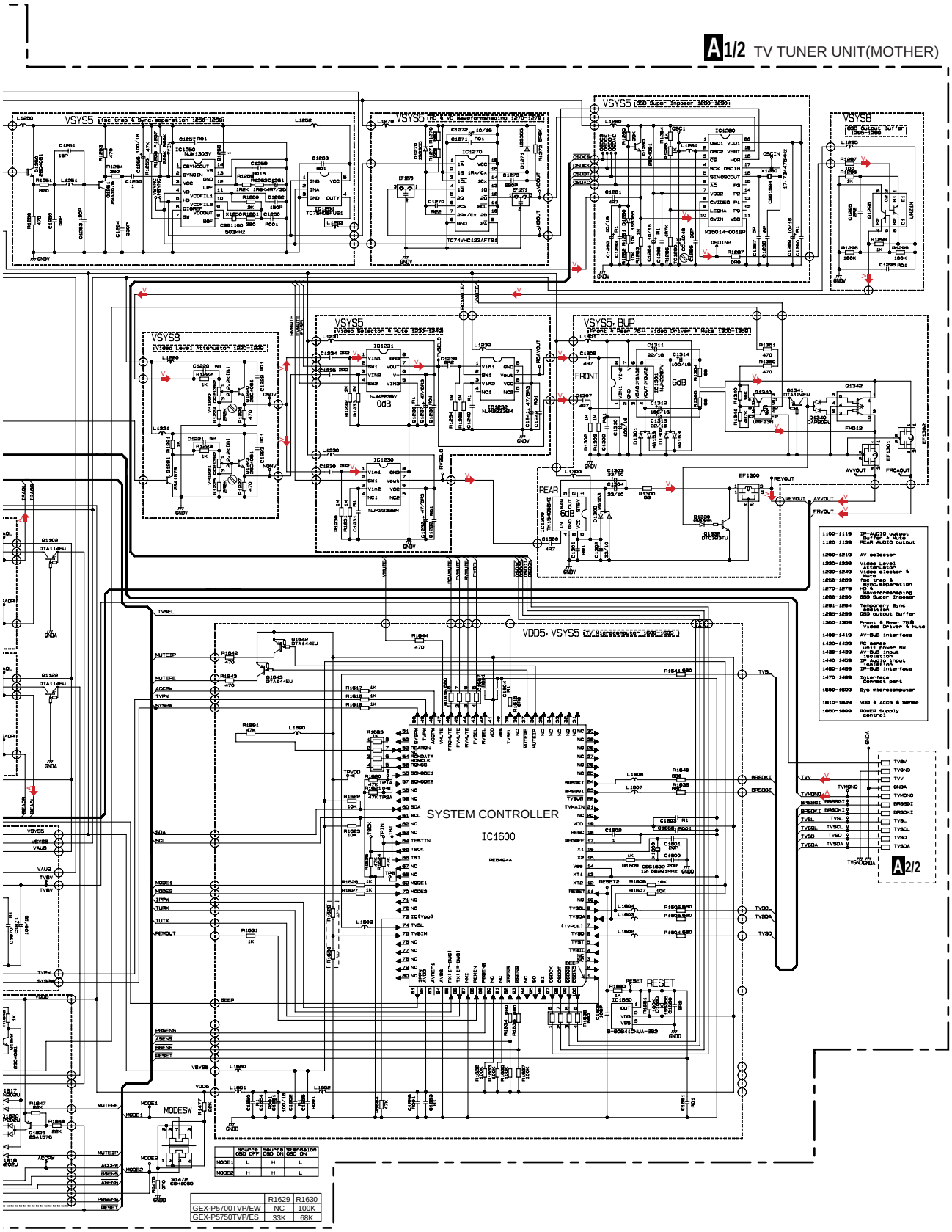
A-a 1/2

*PAL : GEX-P5700TVP/EW, GEX-P5750TVP/ES

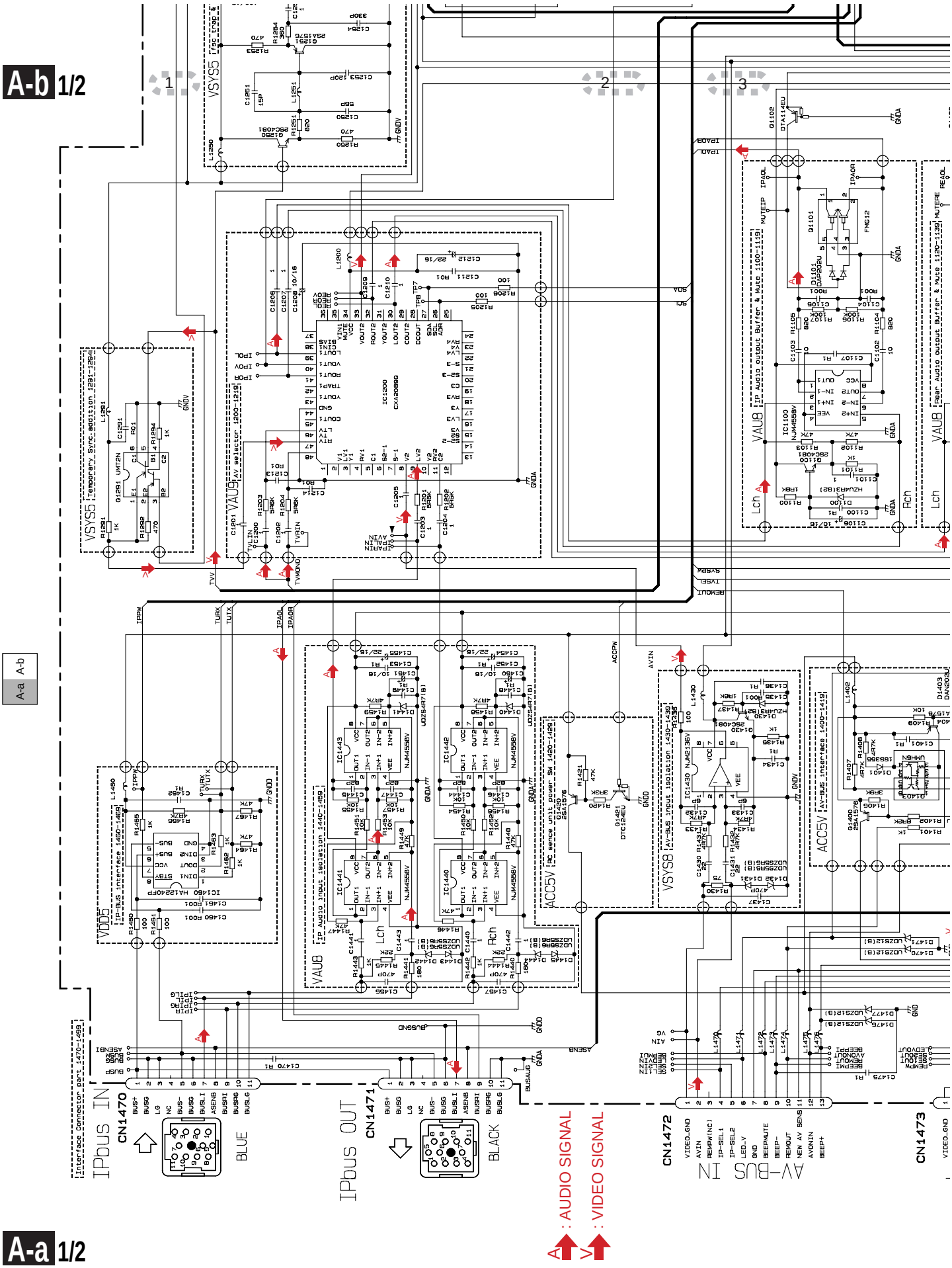


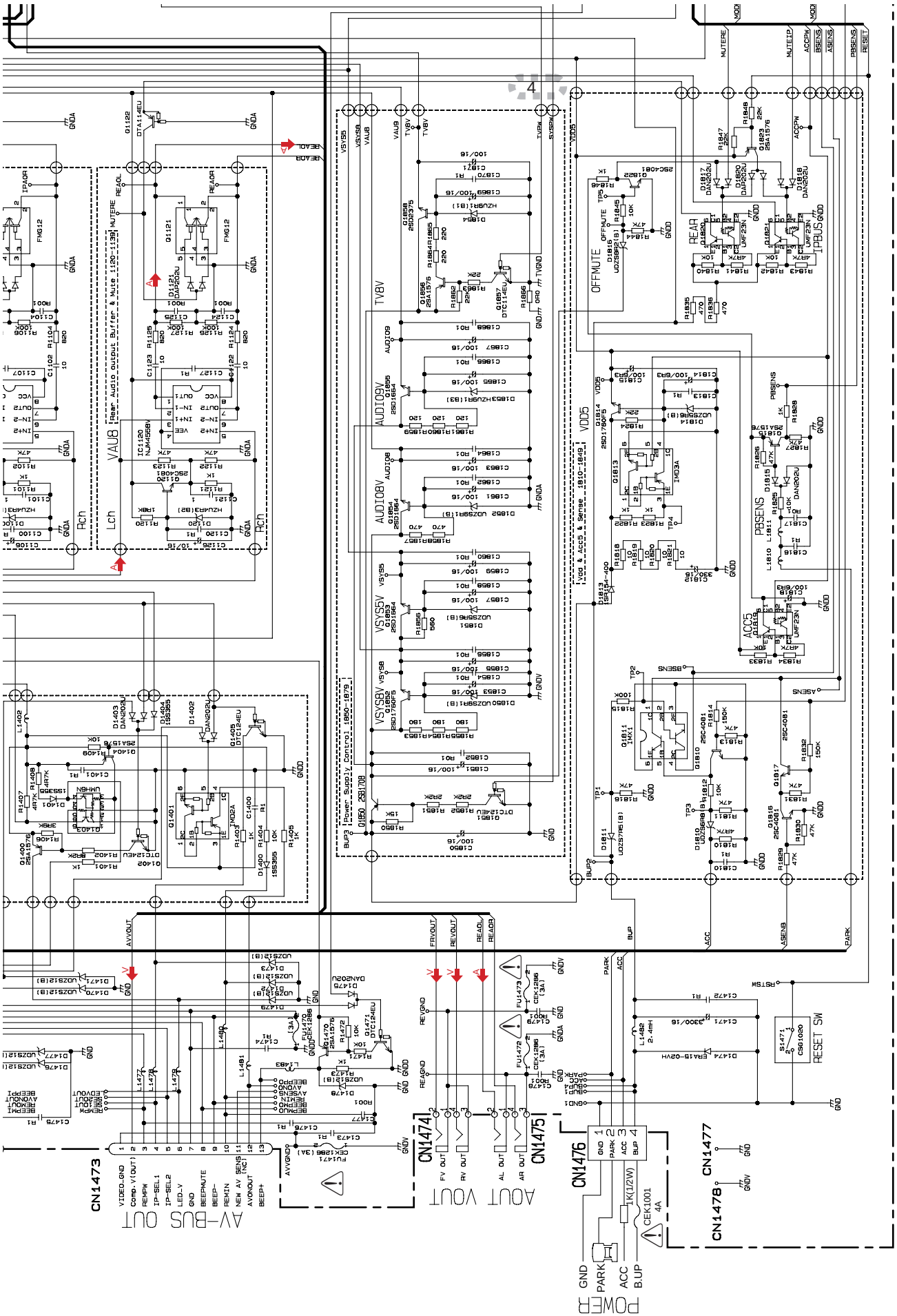
A 1/2

A1/2 TV TUNER UNIT(MOTHER)

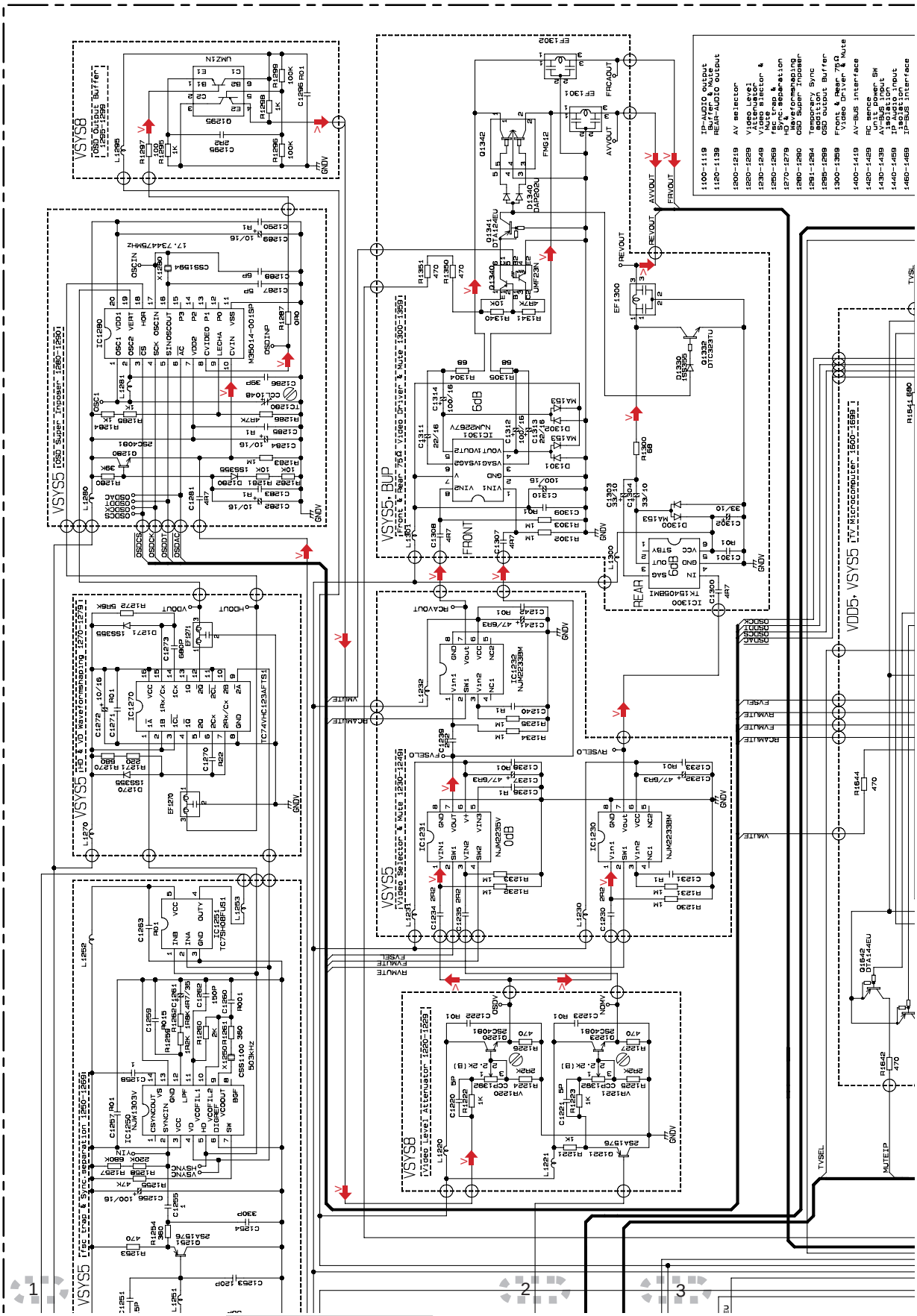


	R1629	R1630
GEX-P5700TVP/EW	NC	100K
GEX-P5750TVP/ES	33K	68K


A-b 1/2
A-a 1/2
A-b
A-a
IPBUS IN
CN1470
BLUE
IPBUS OUT
CN1471
BLACK
CN1472
AV-BUS IN
CN1473
A : AUDIO SIGNAL
V : VIDEO SIGNAL
VSYS5
VAUB
VSYS8
ACCSV
VDD5
Lch
Rch



GEX-P5700TV/UC

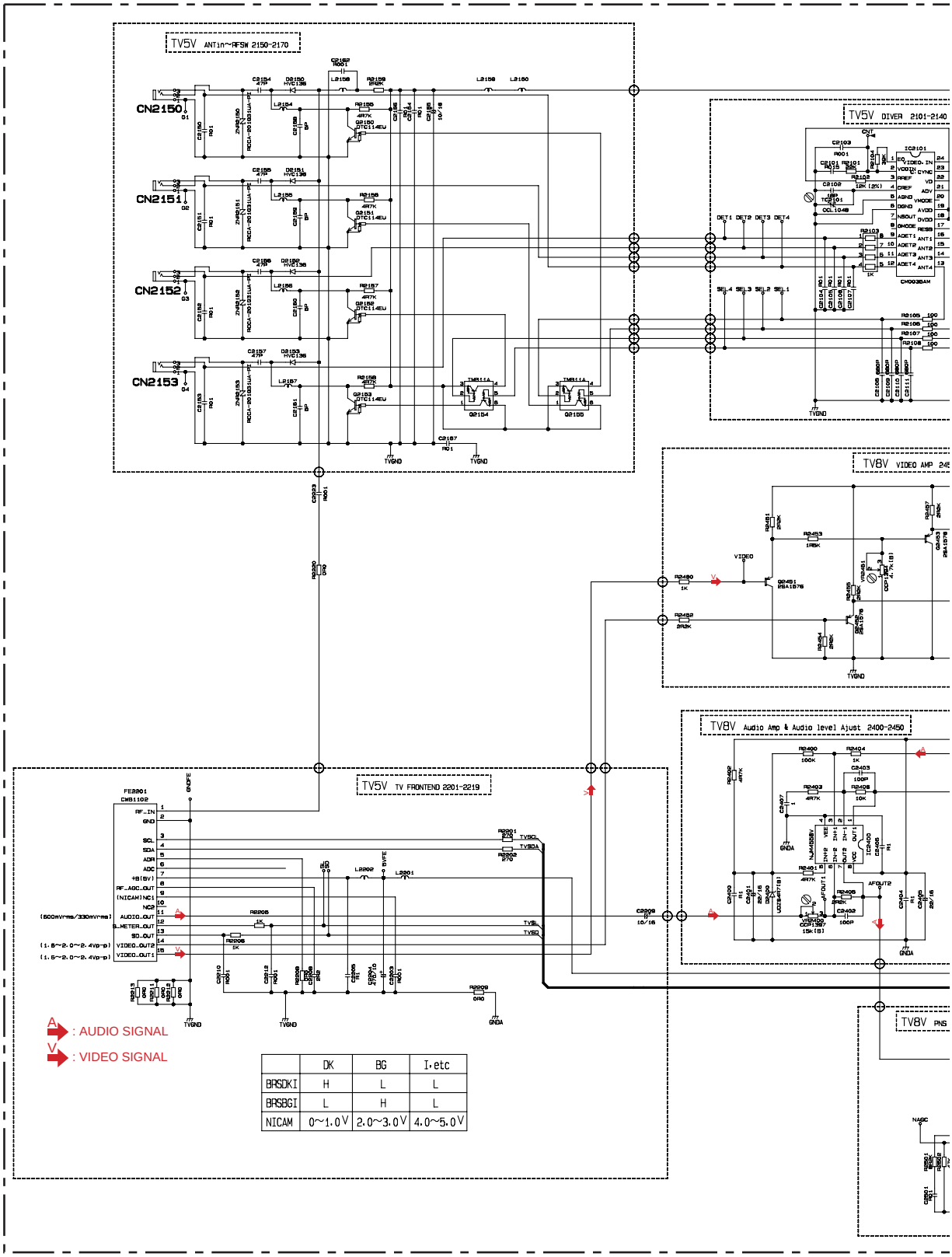


SYSTEM CONTROLLER
IC1600
PE5494A
VDD5, VSYS5
RESET
MODESW
A2/2
A-b 1/2
A-a
A-b
GEX-P5700TV/EW
GEX-P5750TV/ES
R1629 NC 33K
R1630 100K 68K

3.4 TV TUNER UNIT (TUNER)(NTSC)(GUIDE PAGE)

A-a 2/2

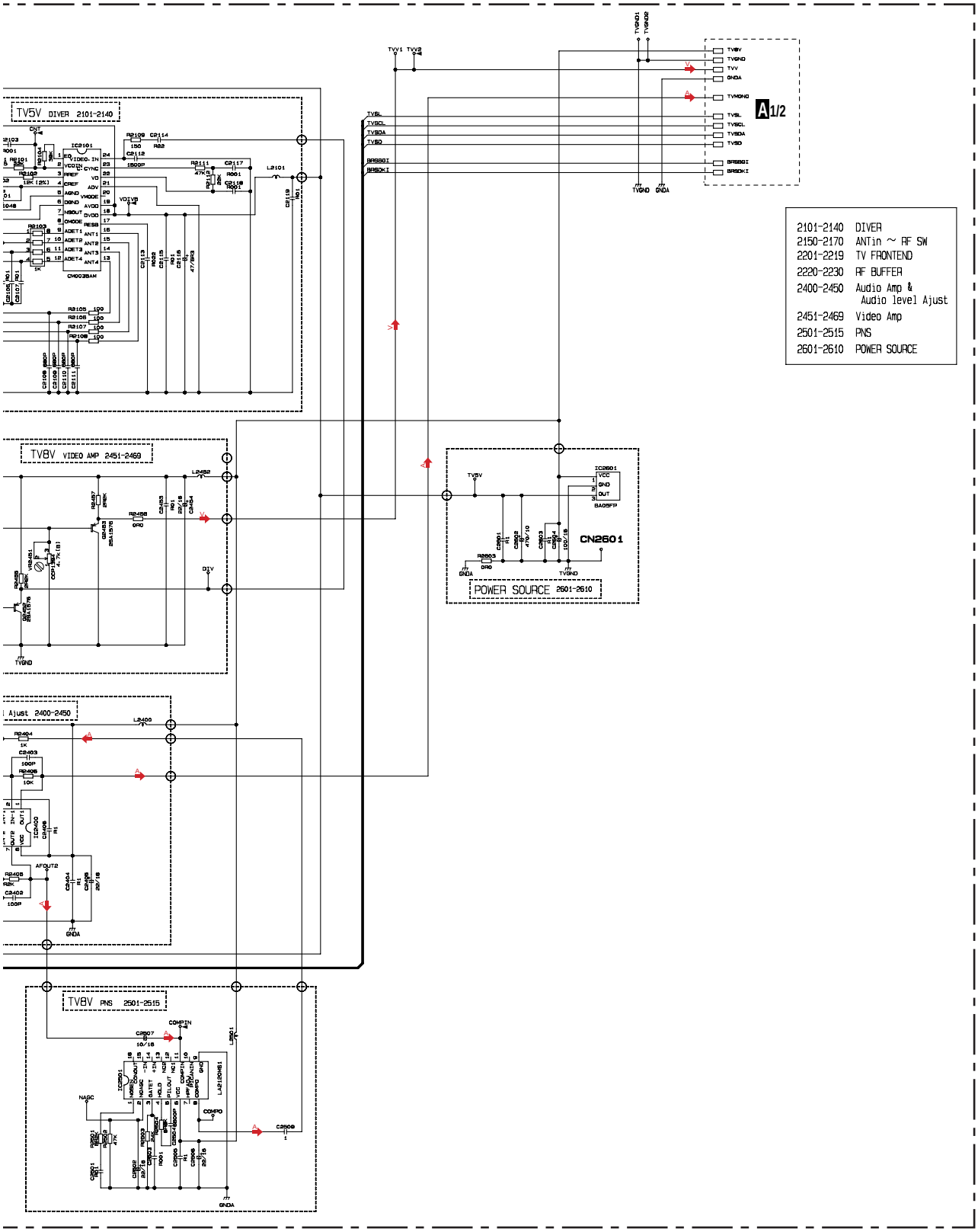
*NTSC : GEX-P5700TV/UC, GEX-P5750TV/ES

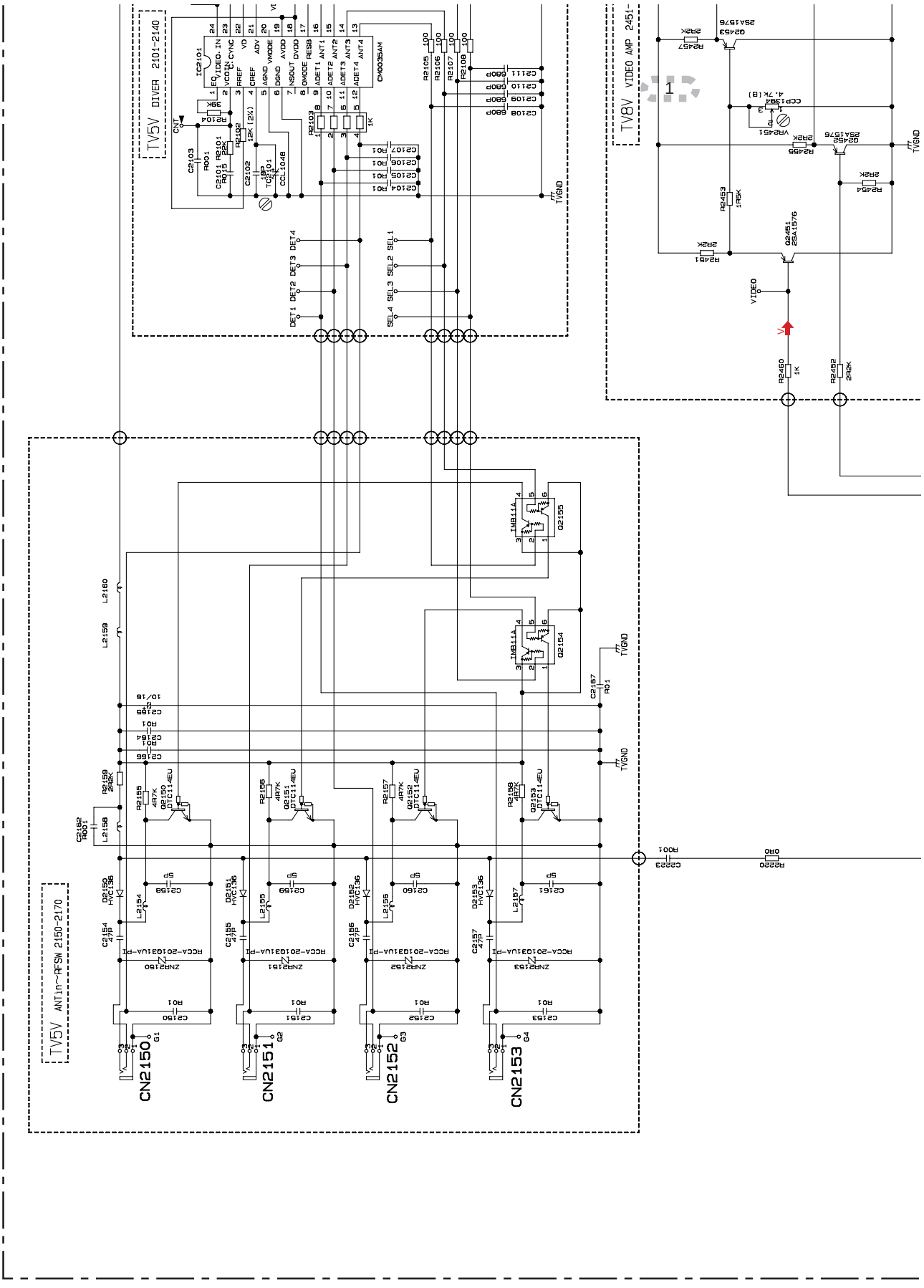


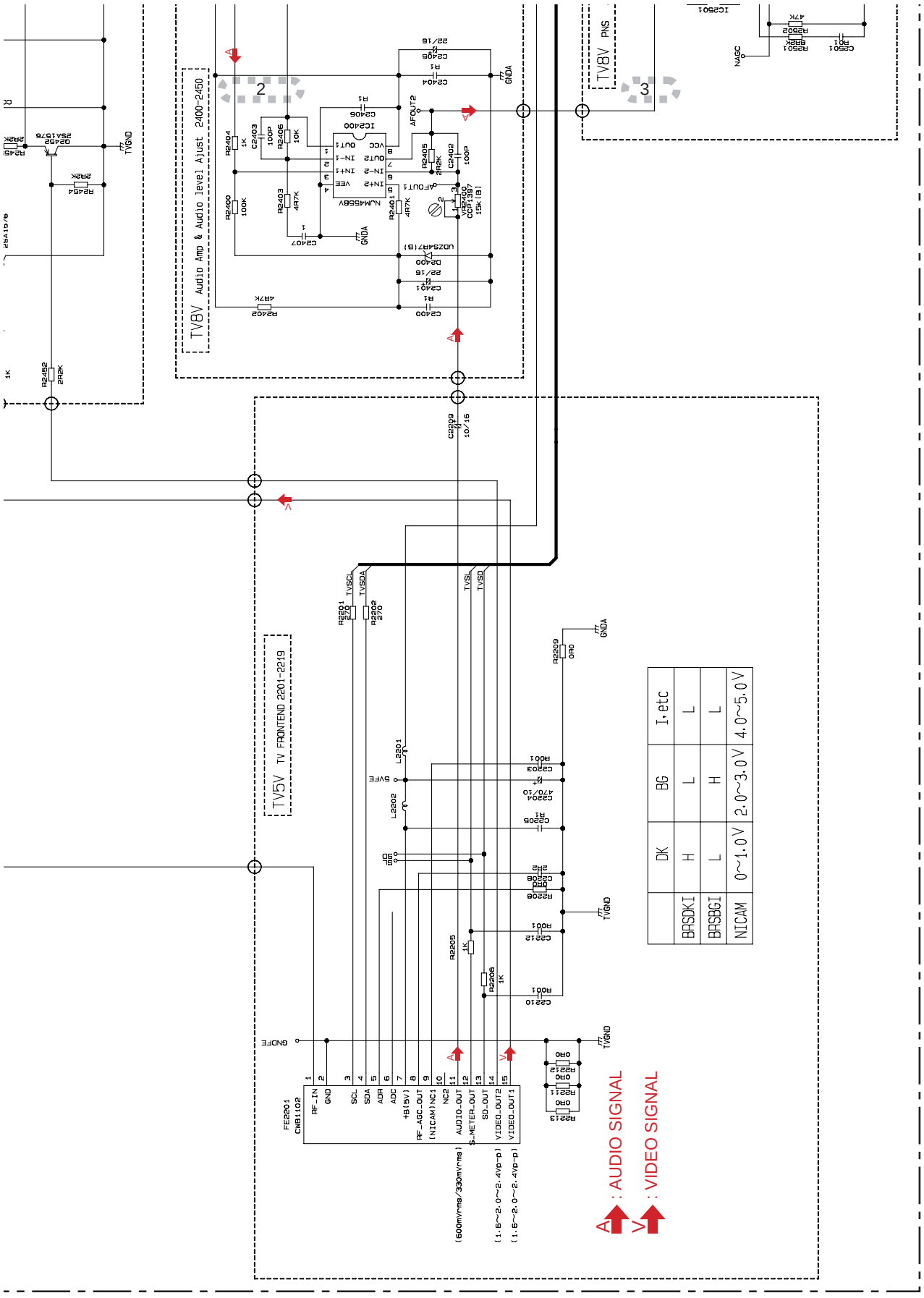
	DK	BG	I,etc
BRSDKI	H	L	L
BRSBGI	L	H	L
NICAM	0~1.0V	2.0~3.0V	4.0~5.0V

A 2/2

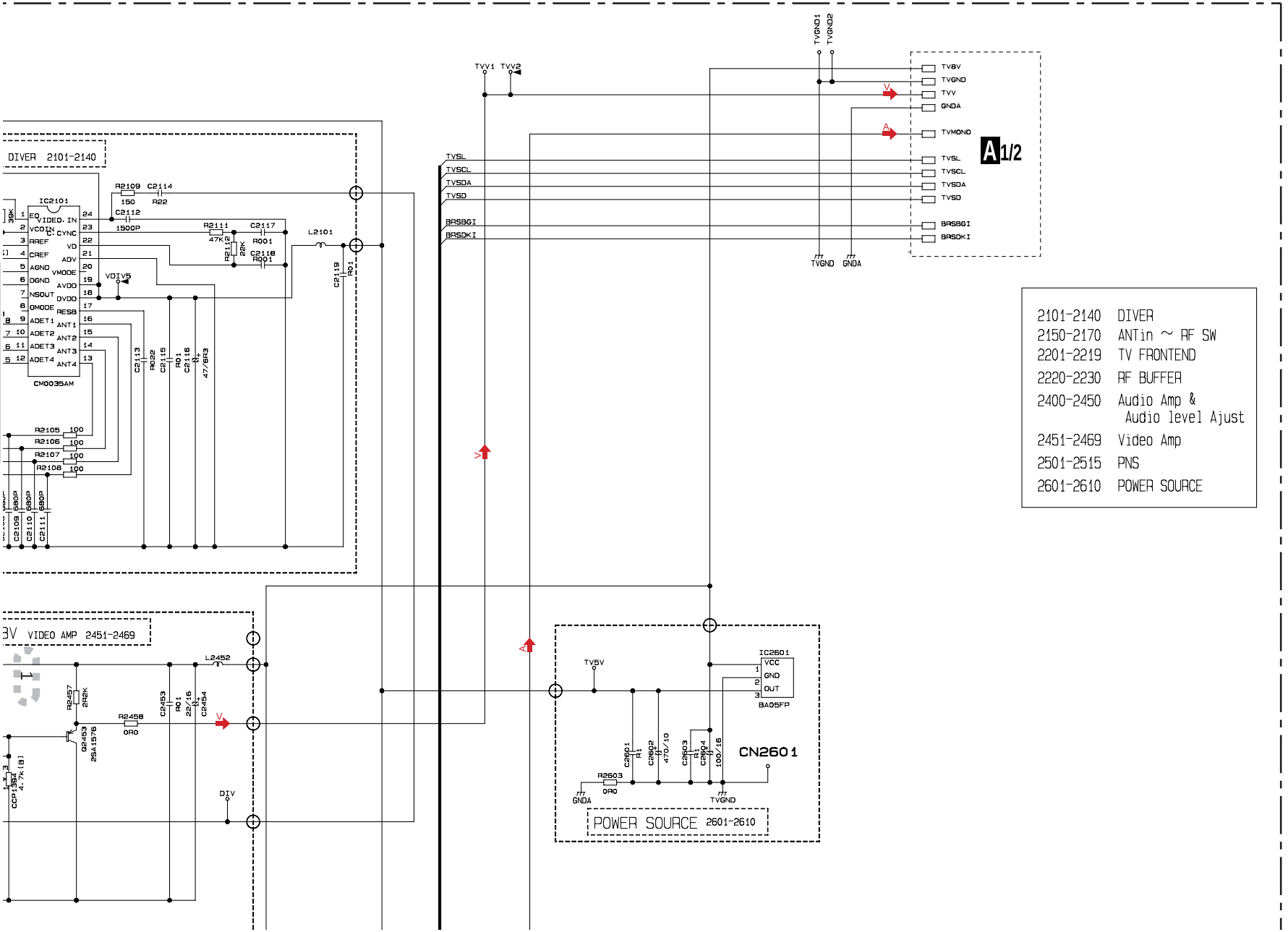
A2/2 TV TUNER UNIT(TUNER)




TV5V DIVER 2101~2140
IC2101
CNT
C2103
C2101
C2102
R2104
R2101
R2102
R2103
CCL1048
TVGND
DET1 DET2 DET3 DET4
SEL1 SEL2 SEL3 SEL4
R2105 R2106 R2107 R2108
C2107 C2106 C2105 C2104
TV8V VIDEO AMP 2451~
Q2451 2SA1576
R2460 1K
R2452 2R2K
VIDEO
TV5V ANTin~RFSW 2150~2170
CN2150
CN2151
CN2152
CN2153
Q2155
Q2154
L2160
L2159
L2158
C2162
R2159 2R2K
R2155 4R7K
Q2150 DTC114EU
R2156 4R7K
Q2151 DTC114EU
R2157 4R7K
Q2152 DTC114EU
R2158 4R7K
Q2153 DTC114EU
D2150 HVC136
D2151 HVC136
D2152 HVC136
D2153 HVC136
L2154
L2155
L2156
L2157
C2154 47P
C2155 47P
C2156 47P
C2157 47P
ZNR2150 RCCA-201G31UA-PI
ZNR2151 RCCA-201G31UA-PI
ZNR2152 RCCA-201G31UA-PI
ZNR2153 RCCA-201G31UA-PI
C2158 5P
C2159 5P
C2160 5P
C2161 5P
C2150 R01
C2151 R01
C2152 R01
C2153 R01
C2223 R001
R2220 0R0


TV8V Audio Amp & Audio level Ajust 2400~2450
TV5V TV FRONTEND 2201~2219
TV8V PNS
A : AUDIO SIGNAL
V : VIDEO SIGNAL
BRSDKI
BRSBGI
NICAM
DK
BG
I,etc
0~1.0V
2.0~3.0V
4.0~5.0V

A2/2 TV TUNER UNIT(TUNER)



GEX-P5700TV/UC

2101-2140	DIVER
2150-2170	ANTin ~ RF SW
2201-2219	TV FRONTEND
2220-2230	RF BUFFER
2400-2450	Audio Amp & Audio level Ajust
2451-2469	Video Amp
2501-2515	PNS
2601-2610	POWER SOURCE

A

B

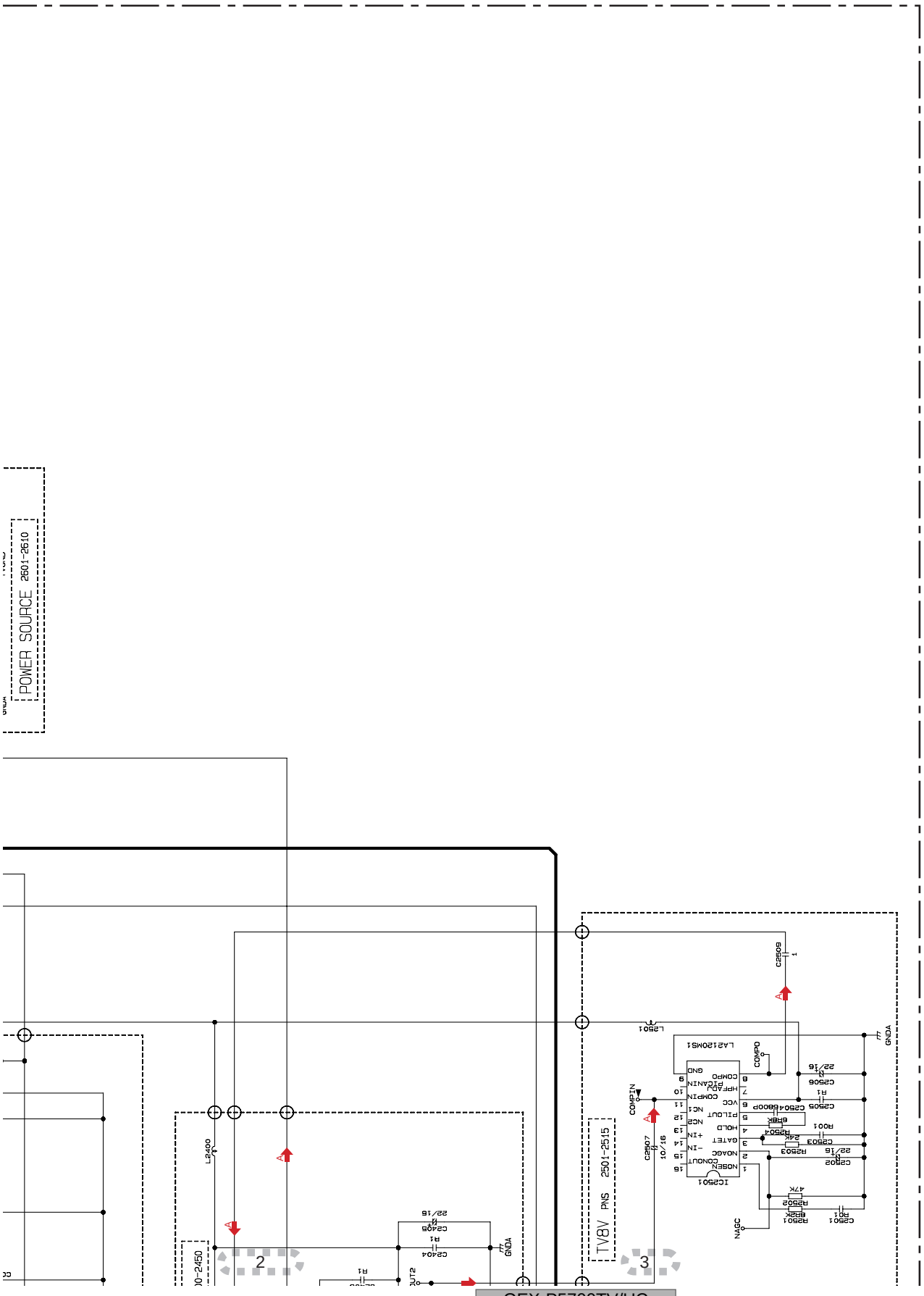
C

D

E

F

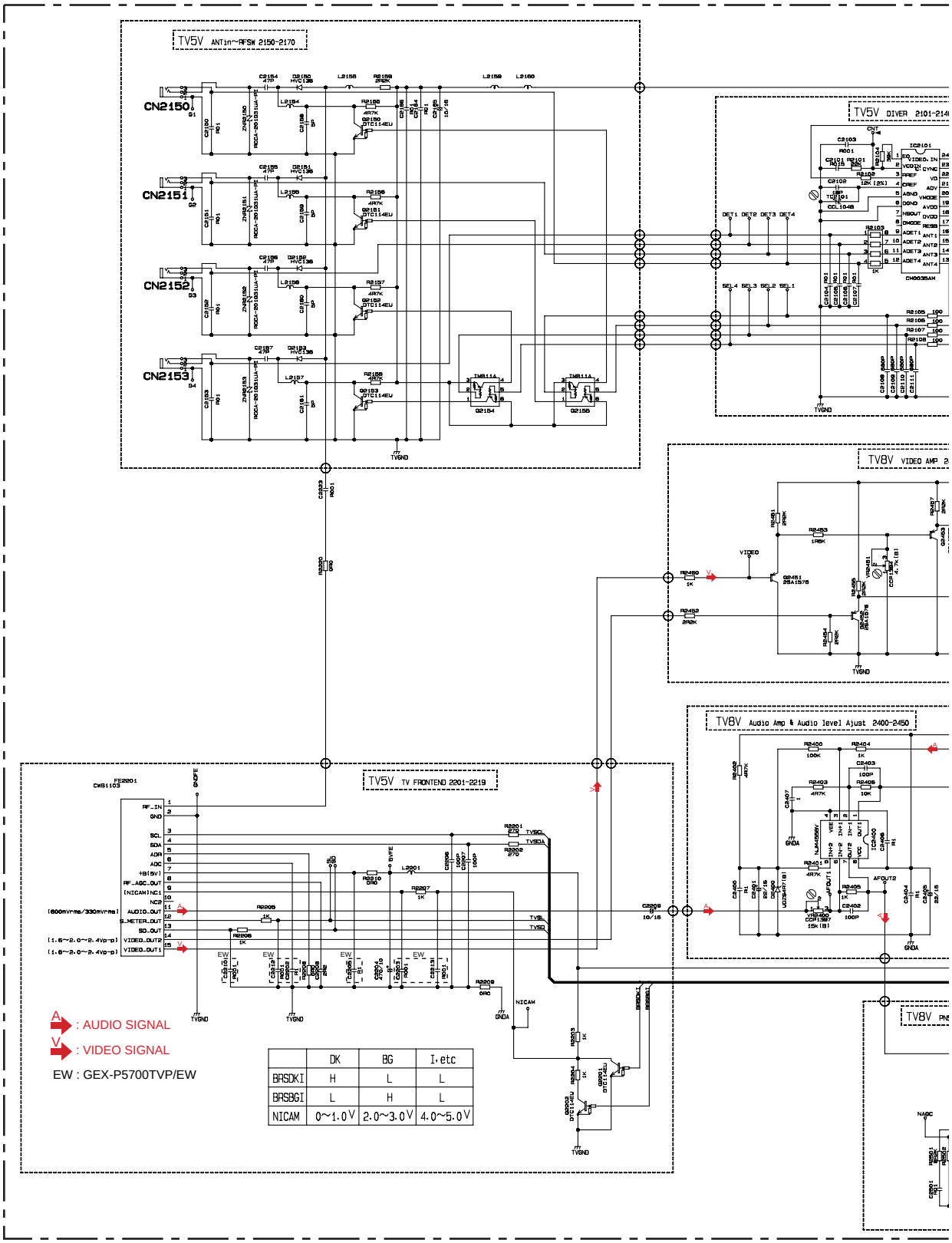
A-a A-b


POWER SOURCE 2601-2610
TV8V PNS 2501-2515
2
3
GNDA
COMPO
COMPIN
NAGC
L2400
L2501
C2507
C2508
IC2501
LA2120MS1

3.5 TV TUNER UNIT (TUNER)(PAL)(GUIDE PAGE)

A-a 2/2

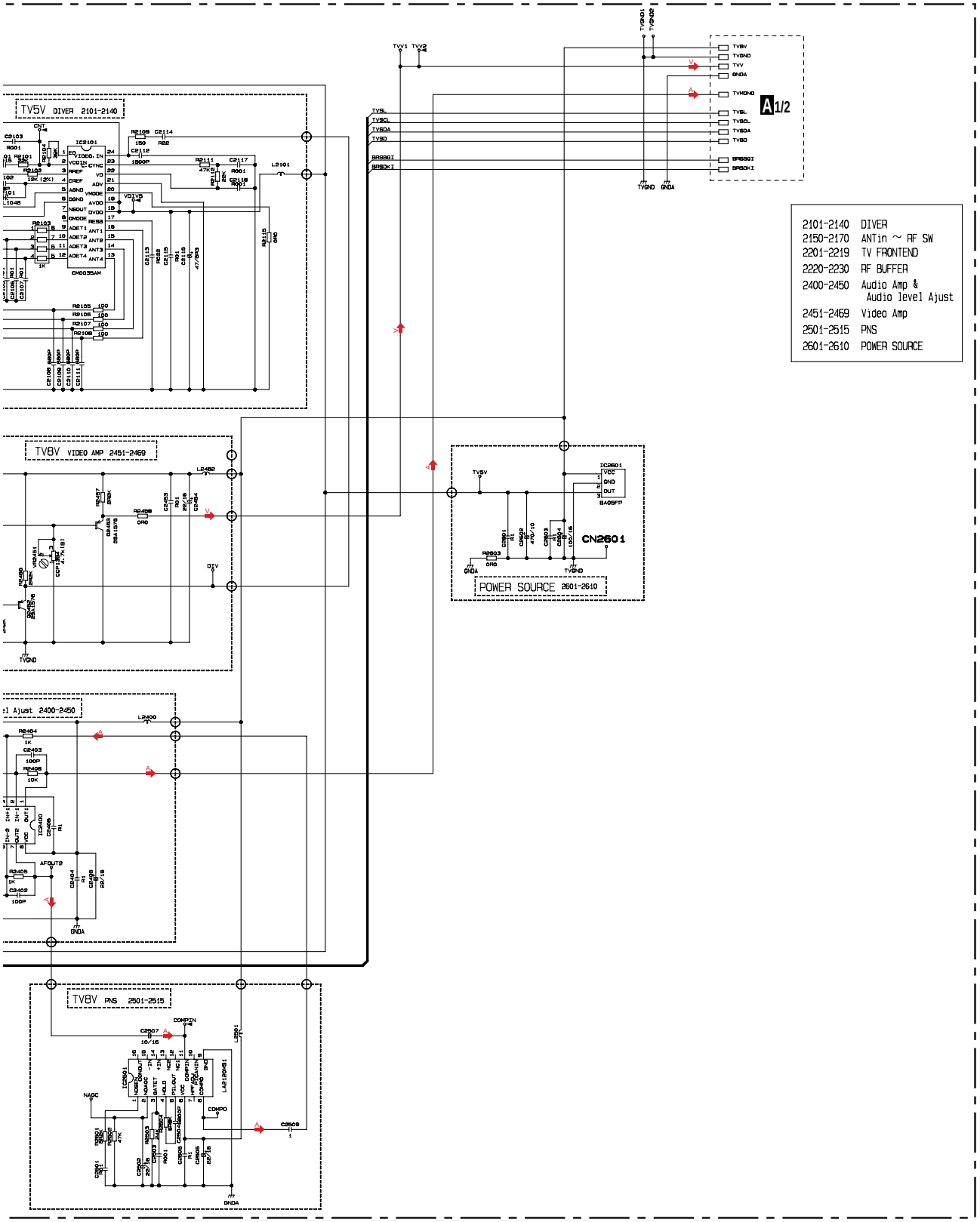
*PAL : GEX-P5700TVP/EW, GEX-P5750TVP/ES

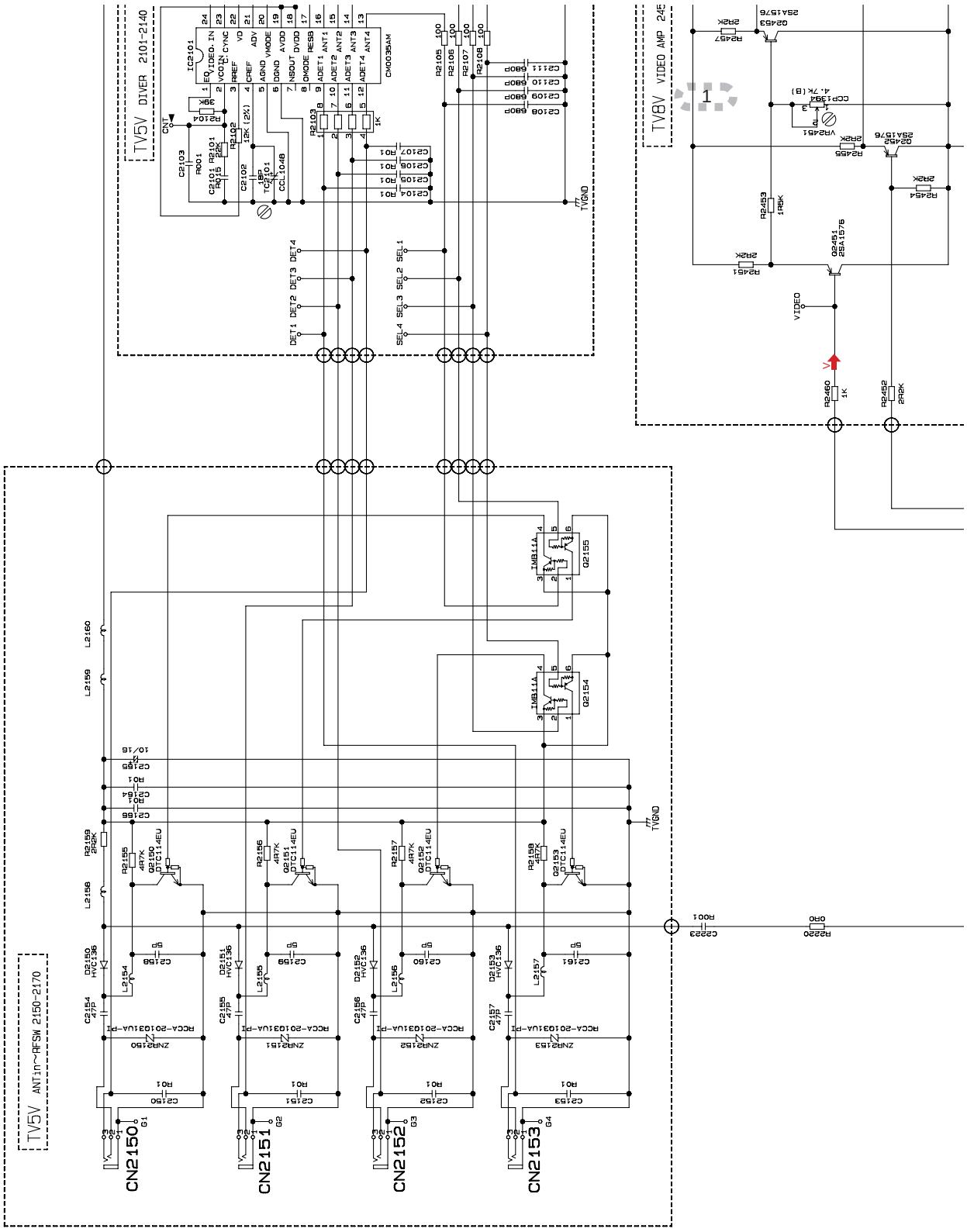


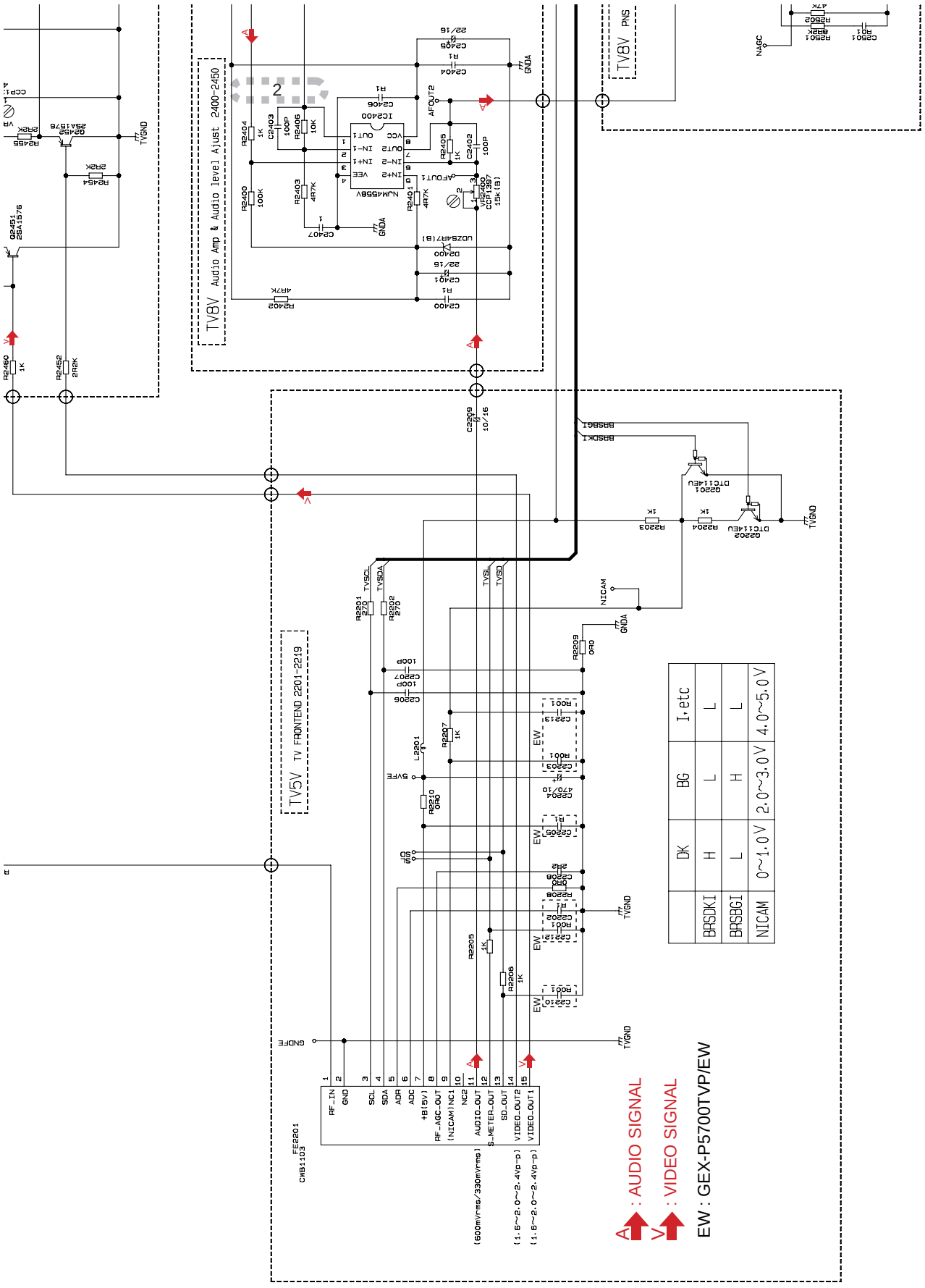
	DK	BG	I,etc
BRSDKI	H	L	L
BRSBGI	L	H	L
NICAM	0~1.0V	2.0~3.0V	4.0~5.0V

A 2/2

A 2/2 TV TUNER UNIT(TUNER)




TV5V DIVER 2101-2140
TV8V VIDEO AMP 245
TV5V ANTin~AFSW 2150-2170
CN2150
CN2151
CN2152
CN2153
TVGND
VIDEO

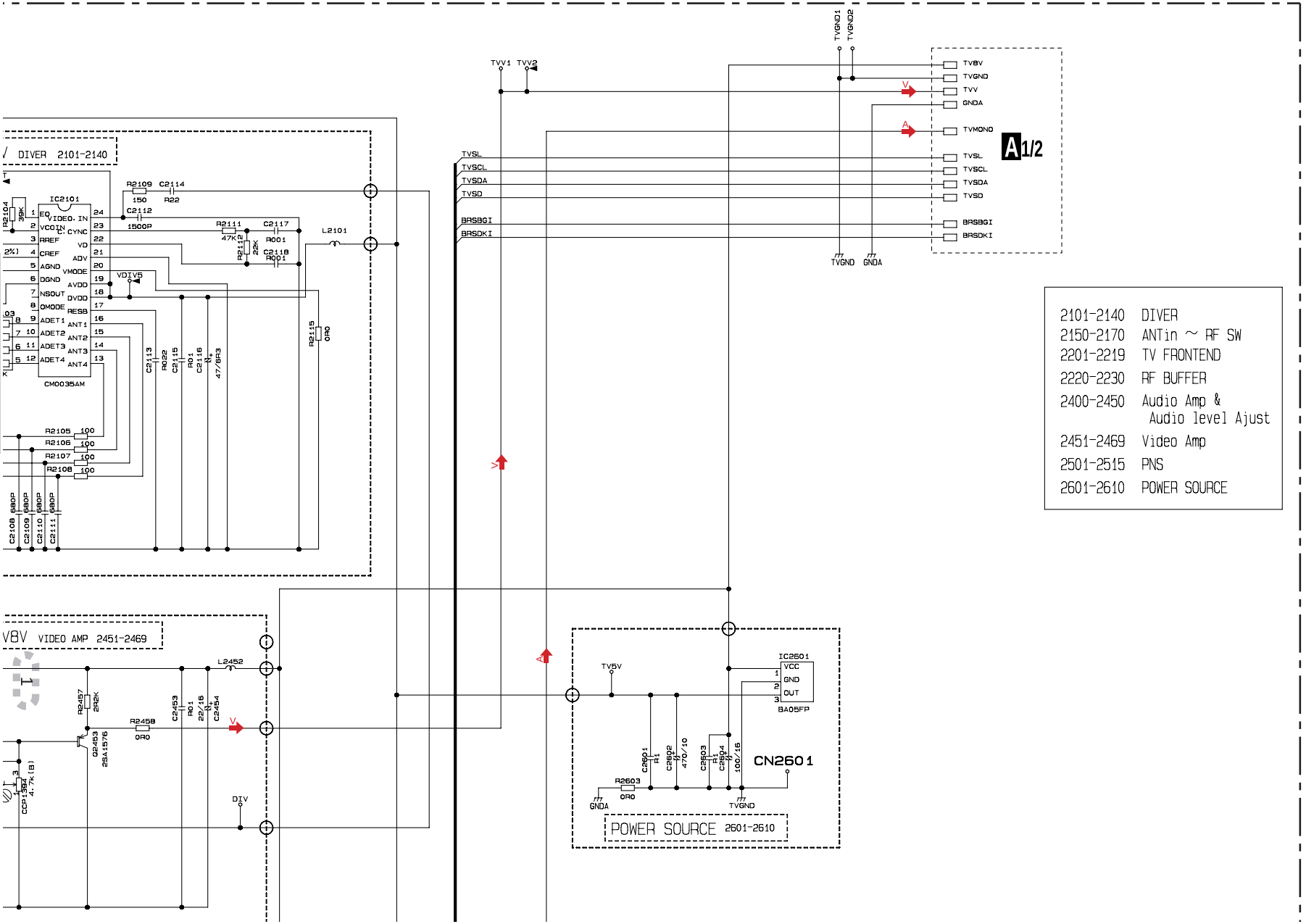


A-b 2/2

A-a 2/2

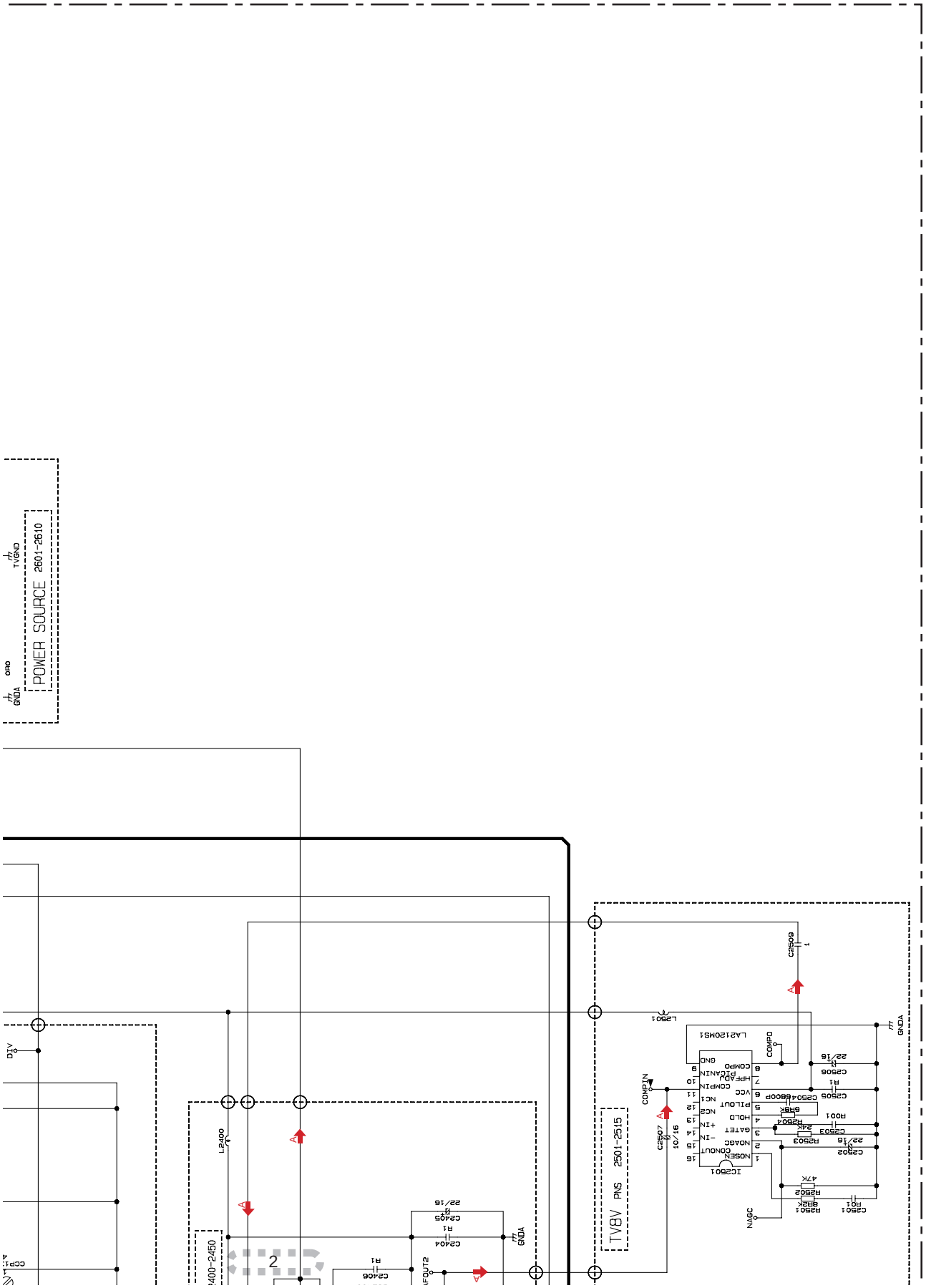
A-b
A-a

A 2/2 TV TUNER UNIT(TUNER)



2101-2140	DIVER
2150-2170	ANTin ~ RF SW
2201-2219	TV FRONTEND
2220-2230	RF BUFFER
2400-2450	Audio Amp & Audio level Ajust
2451-2469	Video Amp
2501-2515	PNS
2601-2610	POWER SOURCE

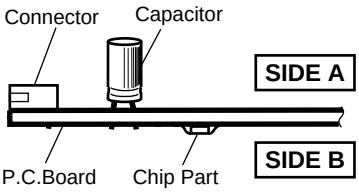
GEX-P5700TV/UC


POWER SOURCE 2601-2610
TVGND
GNDA
ORG
TV8V PNS 2501-2515
L2501
LA4120MS1
IC2501
C2509
C2507
C2506
C2504
C2503
C2502
C2501
R2504
R2503
R2502
R2501
R001
COMPO
COMPIN
VCC
PILOUT
HOLD
GATET
NOAGC
NOSEN
CONOUT
HPFADJ
RGAININ
GND
NAGC
L2400
C2405
C2404
C2406
2
DIV

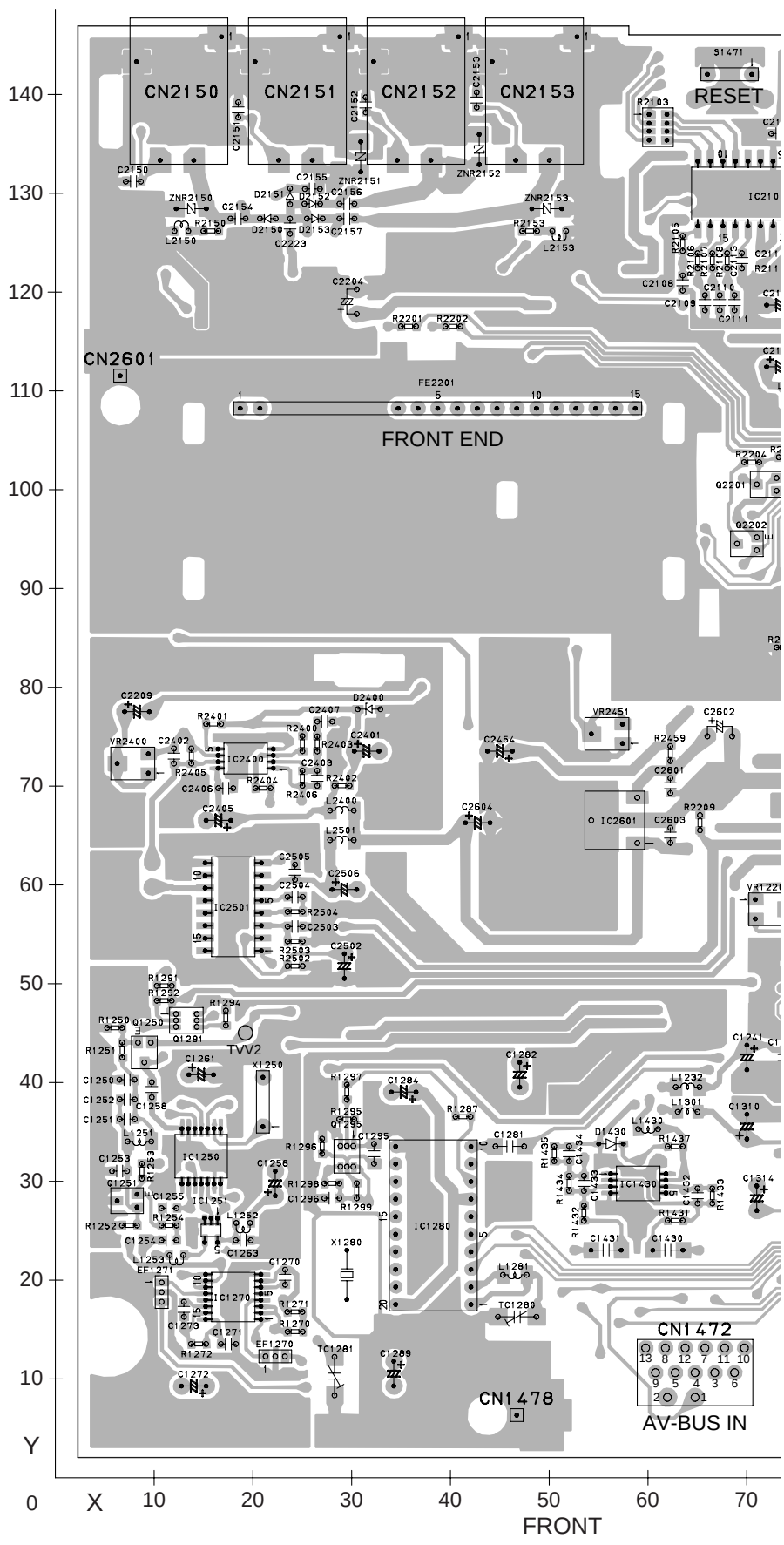
4. PCB CONNECTION DIAGRAM
4.1 TV TUNER UNIT

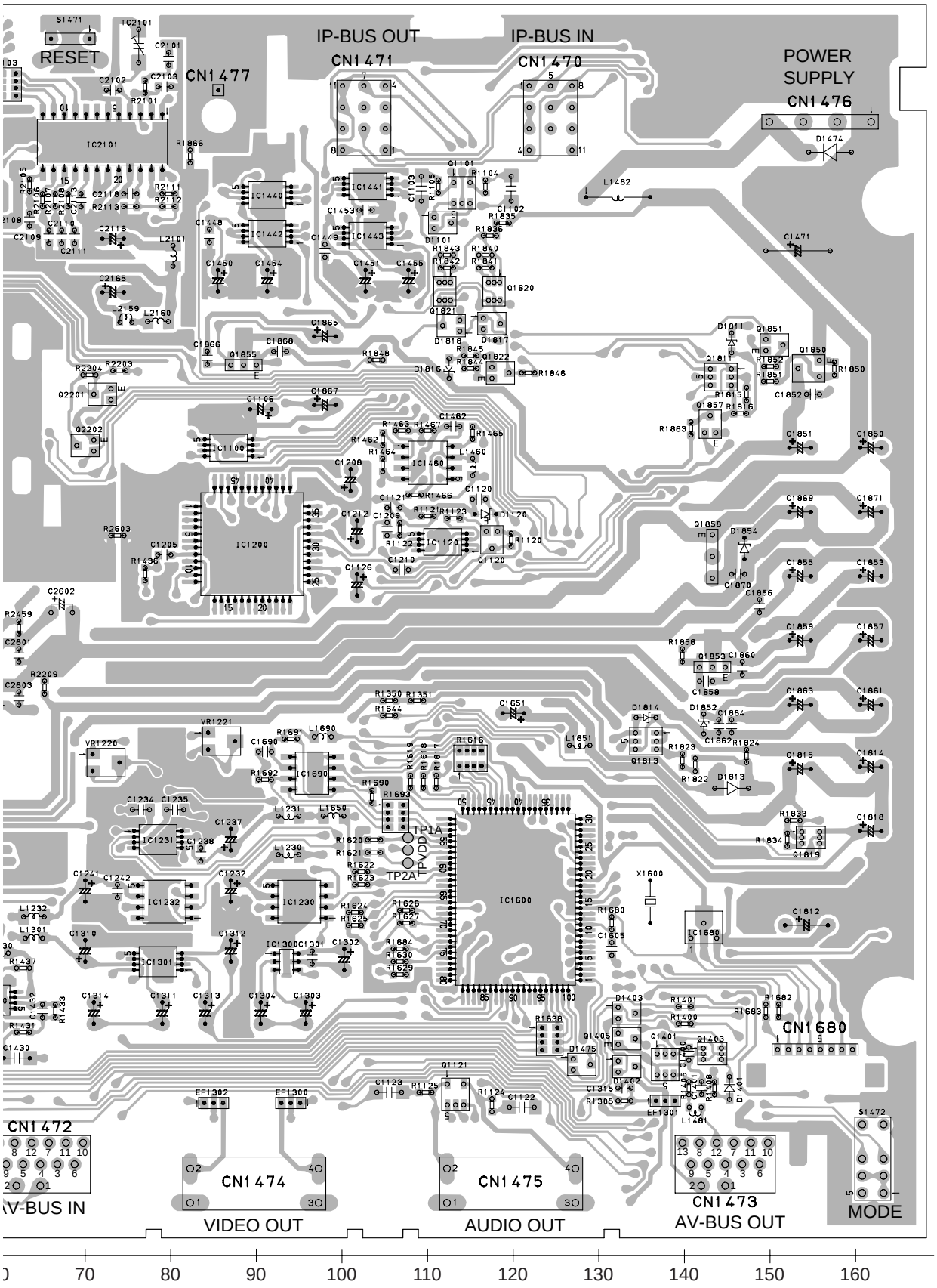
NOTE FOR PCB DIAGRAMS

1. The parts mounted on this PCB include all necessary parts for several destination.
   For further information for respective destinations, be sure to check with the schematic diagram.
2. Viewpoint of PCB diagrams



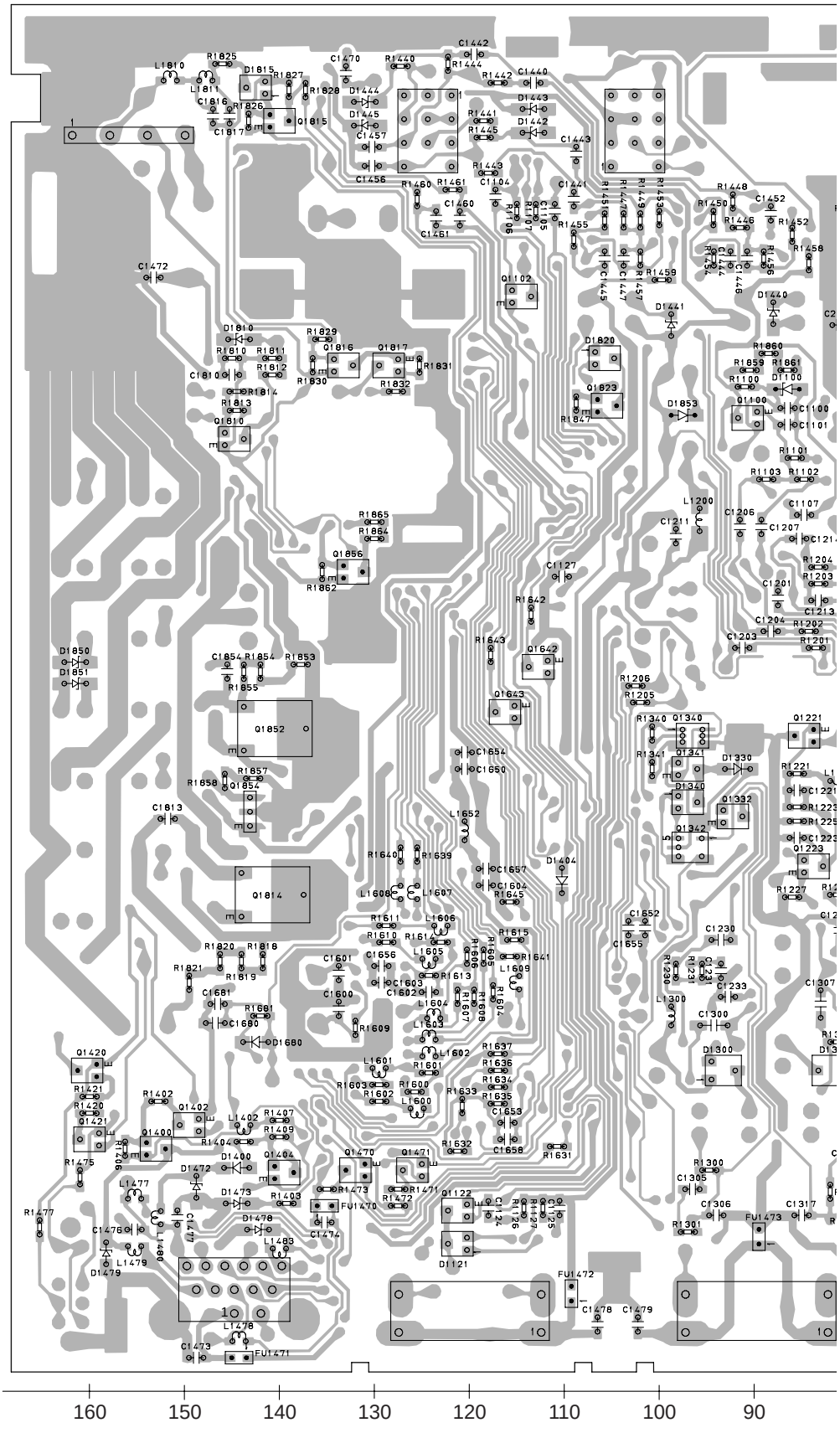
A TV TUNER UNIT



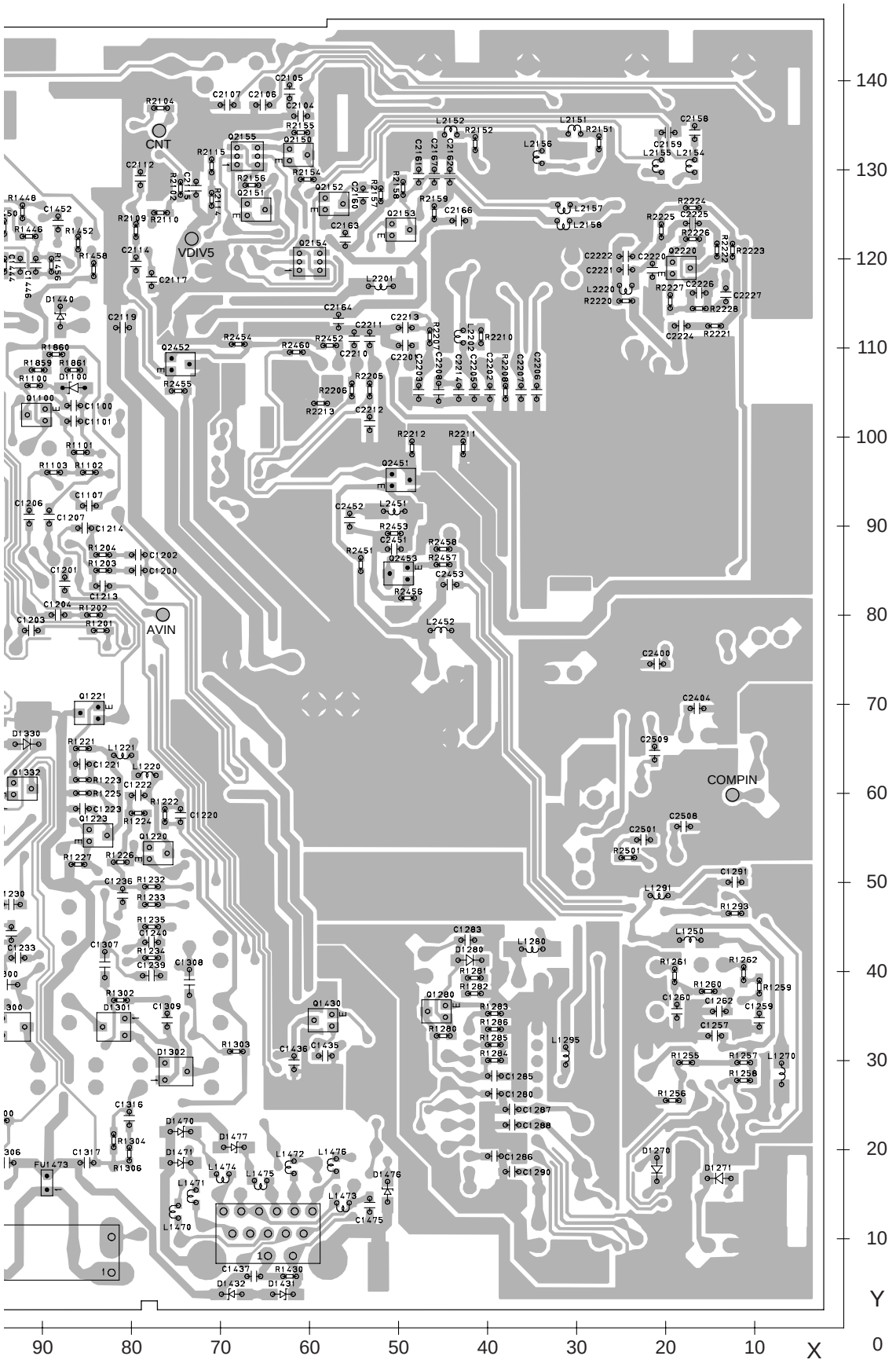

RESET
CN1477
IP-BUS OUT
CN1471
IP-BUS IN
CN1470
POWER
SUPPLY
CN1476
CN1472
AV-BUS IN
CN1474
VIDEO OUT
CN1475
AUDIO OUT
CN1473
AV-BUS OUT
CN1680
MODE
IC2101
IC1440
IC1441
IC1442
IC1443
IC1100
IC1200
IC1460
IC1120
IC1231
IC1232
IC1230
IC1301
IC1300
IC1690
IC1600
IC1680
TP1A
TP2A
PVDD

A

A TV TUNER UNIT



SIDE B


CNT
VDIV5
AVIN
COMPIN
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
Y
90
80
70
60
50
40
30
20
10
X

5. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*

  Chip Resistor

  RS1/◯S◯◯◯J,RS1/◯◯S◯◯◯J

  Chip Capacitor (except for CQS.....)

  CKS....., CCS....., CSZS.....
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Meaning of the figures and others in the parentheses in the parts list.*

  Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

  IC 301 (A, 91, 111) IC NJM2068V

A

Unit Number:CWN1096(GEX-P5700TV/UC)
Unit Number:CWN1095(GEX-P5750TV/ES)
Unit Name:TV Tuner Unit

MISCELLANEOUS

Circuit Symbol and No.		Part No.
IC 1100	(A,87,94) IC	NJM4558V
IC 1120	(A,112,83) IC	NJM4558V
IC 1200	(A,90,83) IC	CXA2089Q
IC 1230	(A,95,41) IC	NJM2233BM
IC 1231	(A,79,49) IC	NJM2235V
IC 1232	(A,79,41) IC	NJM2233BM
IC 1250	(A,15,33) IC	NJW1303V
IC 1251	(A,16,25) IC	TC7SH08FUS1
IC 1270	(A,18,18) IC	TC74VHC123AFTS1
IC 1280	(A,38,26) IC	M35014-001SP
IC 1300	(A,94,34) IC	TK15405BMI
IC 1301	(A,79,34) IC	NJM2267V
IC 1430	(A,59,30) IC	NJM2136V
IC 1440	(A,91,124) IC	NJM4558V
IC 1441	(A,103,125) IC	NJM4558V
IC 1442	(A,91,119) IC	NJM4558V
IC 1443	(A,103,119) IC	NJM4558V
IC 1460	(A,110,93) IC	HA12240FP
IC 1600	(A,120,42) IC	PE5494A
IC 1680	(A,142,39) IC	S-80841CNUA-B82
IC 2101	(A,72,130) IC	CM0035AM
IC 2400	(A,19,73) IC	NJM4558V
IC 2501	(A,18,58) IC	LA2120MS1
IC 2601	(A,54,67) IC	BA05FP
Q 1100	(B,91,103) Transistor	2SC4081
Q 1101	(A,114,124) Transistor	FMG12
Q 1102	(B,115,115) Transistor	DTA114EU
Q 1120	(A,118,84) Transistor	2SC4081
Q 1121	(A,113,19) Transistor	FMG12
Q 1122	(B,121,19) Transistor	DTA114EU
Q 1220	(B,77,53) Transistor	2SC4081
Q 1221	(B,85,69) Transistor	2SA1576
Q 1223	(B,84,55) Transistor	2SC4081
Q 1250	(A,9,43) Transistor	2SC4081
Q 1251	(A,7,28) Transistor	2SA1576
Q 1280	(B,46,36) Transistor	2SC4081
Q 1291	(A,13,46) Transistor	UMT2N
Q 1295	(A,30,33) Transistor	UMZ1N
Q 1332	(B,92,61) Transistor	DTC323TU
Q 1340	(B,97,69) Transistor	UMF23N
Q 1341	(B,97,66) Transistor	DTA124EU
Q 1342	(B,97,57) Transistor	FMG12
Q 1400	(B,153,26) Transistor	2SA1576
Q 1401	(A,138,22) Transistor	IMD2A
Q 1402	(B,150,28) Transistor	DTC124EU
Q 1403	(A,143,24) Transistor	UMH6N
Q 1404	(B,140,23) Transistor	2SA1576
Q 1405	(A,133,25) Transistor	DTC124EU
Q 1420	(B,160,34) Transistor	2SA1576
Q 1421	(B,160,27) Transistor	DTC124EU
Q 1430	(B,59,35) Transistor	2SC4081
Q 1470	(B,132,23) Transistor	2SA1576
Q 1471	(B,126,23) Transistor	DTC124EU
Q 1642	(B,113,76) Transistor	DTA144EU
Q 1643	(B,116,72) Transistor	DTA144EU
Q 1810	(B,145,100) Transistor	2SC4081
Q 1811	(A,144,103) Transistor	IMX1
Q 1813	(A,136,60) Transistor	IMD3A
Q 1814	(B,139,52) Transistor	2SD1760F5
Q 1815	(B,140,134) Transistor	2SA1576
Q 1816	(B,133,108) Transistor	2SC4081
Q 1817	(B,129,108) Transistor	2SC4081
Q 1819	(A,155,49) Transistor	UMF23N
Q 1820	(A,118,113) Transistor	UMF23N
Q 1821	(A,112,113) Transistor	UMF23N
Q 1822	(A,119,103) Transistor	2SC4081
Q 1823	(B,106,104) Transistor	2SA1576
Q 1850	(A,155,104) Transistor	2SB1708
Q 1851	(A,151,106) Transistor	DTC124EU
Q 1852	(B,139,70) Transistor	2SD1760F5
Q 1853	(A,143,71) Transistor	2SD1664
Q 1854	(B,141,61) Transistor	2SD1664
Q 1855	(A,89,106) Transistor	2SD1664

Circuit Symbol and No.		Part No.
Q 1856	(B,132,86) Transistor	2SA1576
Q 1857	(A,143,97) Transistor	DTC114EU
Q 1858	(A,143,82) Transistor	2SD2375
Q 2150	(B,61,132) Transistor	DTC114EU
Q 2151	(B,66,126) Transistor	DTC114EU
Q 2152	(B,57,126) Transistor	DTC114EU
Q 2153	(B,50,123) Transistor	DTC114EU
Q 2154	(B,60,120) Transistor	IMB11A
Q 2155	(B,67,132) Transistor	IMB11A
Q 2451	(B,50,95) Transistor	2SA1576
Q 2452	(B,75,108) Transistor	2SA1576
Q 2453	(B,50,85) Transistor	2SA1576
D 1100	(B,87,106) Diode	HZU4R3(B2)
D 1101	(A,112,121) Diode	DAP202U
D 1120	(A,117,87) Diode	HZU4R3(B2)
D 1121	(B,121,16) Diode	DAP202U
D 1270	(B,21,18) Diode	1SS355
D 1271	(B,14,17) Diode	1SS355
D 1280	(B,42,41) Diode	1SS355
D 1300	(B,93,34) Diode	MA153
D 1301	(B,82,34) Diode	MA153
D 1302	(B,75,29) Diode	MA153
D 1330	(B,92,66) Diode	1SS355
D 1340	(B,97,62) Diode	DAP202U
D 1400	(B,145,24) Diode	1SS355
D 1401	(A,145,20) Diode	1SS355
D 1402	(A,133,22) Diode	DAN202U
D 1403	(A,133,28) Diode	DAN202U
D 1404	(B,110,54) Diode	1SS355
D 1430	(A,56,34) Diode	HZU4R3(B2)
D 1431	(B,63,4) Diode	UDZS5R6(B)
D 1432	(B,69,4) Diode	UDZS5R6(B)
D 1440	(B,88,114) Diode	UDZS4R7(B)
D 1441	(B,99,112) Diode	UDZS4R7(B)
D 1442	(B,113,133) Diode	UDZS5R6(B)
D 1443	(B,113,135) Diode	UDZS5R6(B)
D 1444	(B,131,136) Diode	UDZS5R6(B)
D 1445	(B,131,133) Diode	UDZS5R6(B)
D 1470	(B,75,22) Diode	UDZS12(B)
D 1471	(B,75,19) Diode	UDZS12(B)
D 1472	(B,149,22) Diode	UDZS12(B)
D 1473	(B,145,20) Diode	UDZS12(B)
D 1474	(A,157,129) Diode	ERA15-02VH
D 1475	(A,128,22) Diode	DAN202U
D 1476	(B,51,15) Diode	UDZS12(B)
D 1477	(B,69,20) Diode	UDZS12(B)
D 1478	(B,142,17) Diode	UDZS12(B)
D 1479	(B,158,15) Diode	UDZS12(B)
D 1680	(B,143,37) Diode	1SS355
D 1810	(B,144,111) Diode	UDZS6R8(B)
D 1811	(A,146,107) Diode	UDZS7R5(B)
D 1813	(A,146,55) Diode	1SR154-400
D 1814	(A,136,63) Diode	UDZS5R6(B)
D 1815	(B,143,137) Diode	DAN202U
D 1816	(A,113,104) Diode	UDZS8R2(B)
D 1817	(A,118,109) Diode	DAN202U
D 1818	(A,113,109) Diode	DAN202U
D 1820	(B,106,109) Diode	DAP202U
D 1850	(B,162,77) Diode	UDZS9R1(B)
D 1851	(B,162,75) Diode	UDZS5R6(B)

Circuit Symbol and No.		Part No.
D 1852	(A,142,62) Diode	UDZS9R1(B)
D 1853	(B,98,103) Diode	HZU9R1(B3)
D 1854	(A,147,83) Diode	HZU9R1(B1)
D 2150	(A,22,127) Diode	HVC136
D 2151	(A,24,130) Diode	HVC136
D 2152	(A,26,129) Diode	HVC136
D 2153	(A,26,127) Diode	HVC136
D 2400	(A,32,78) Diode	UDZS4R7(B)
ZNR2150	(A,14,128) Surge Protector	RCCA-201Q31UA-PI
ZNR2151	(A,31,134) Surge Protector	RCCA-201Q31UA-PI
ZNR2152	(A,43,134) Surge Protector	RCCA-201Q31UA-PI
ZNR2153	(A,50,128) Surge Protector	RCCA-201Q31UA-PI
L 1200	(B,96,92) Inductor	LCKBW100K2520
L 1220	(B,78,62) Inductor	LCYC100K2125
L 1221	(B,81,64) Inductor	LCYC100K2125
L 1230	(A,94,47) Inductor	LCKBW100K2520
L 1231	(A,94,51) Inductor	LCKBW100K2520
L 1232	(A,64,40) Inductor	LCKBW100K2520
L 1250	(B,17,44) Inductor	LCKBW100K2520
L 1251	(A,9,34) Inductor	LCKAW820J2520
L 1252	(A,19,26) Inductor	CTF1473
L 1253	(A,12,23) Inductor	CTF1473
L 1270	(B,7,29) Inductor	LCKBW100K2520
L 1280	(B,35,43) Inductor	LCKBW100K2520
L 1281	(A,47,21) Inductor	LCKAW390J2520
L 1291	(B,21,49) Inductor	LCYC100K2125
L 1295	(B,31,31) Inductor	LCYC100K2125
L 1300	(B,99,40) Inductor	LCYC100K2125
L 1301	(A,64,37) Inductor	LCYC100K2125
L 1402	(B,144,28) Inductor	CTF1473
L 1430	(A,60,35) Chip Ferrite Bead	CTF1399
L 1460	(A,115,92) Inductor	CTF1295
L 1470	(B,75,13) Inductor	CTF1379
L 1471	(B,73,15) Inductor	CTF1473
L 1472	(B,62,18) Inductor	CTF1379
L 1473	(B,56,14) Inductor	CTF1379
L 1474	(B,70,17) Inductor	CTF1379
L 1475	(B,66,17) Inductor	CTF1379
L 1476	(B,57,18) Inductor	CTF1379
L 1477	(B,155,20) Inductor	CTF1473
L 1478	(B,144,5) Inductor	CTF1379
L 1479	(B,155,15) Inductor	CTF1473
L 1480	(B,153,18) Inductor	CTF1379
L 1481	(A,141,17) Inductor	CTF1379
L 1482	(A,132,124) Choke Coil 2.4mH	CTH1101
L 1483	(B,140,15) Inductor	CTF1379
L 1602	(B,124,35) Inductor	CTF1473
L 1603	(B,124,37) Inductor	CTF1473
L 1604	(B,124,39) Inductor	CTF1473
L 1609	(B,115,43) Inductor	CTF1473
L 1650	(A,99,51) Inductor	LCKBW150K2520
L 1651	(A,128,60) Inductor	LCKBW150K2520
L 1652	(B,121,59) Inductor	LCYC2R2K2125
L 1690	(A,98,61) Inductor	CTF1295
L 1810	(B,152,138) Inductor	LCTC2R2K1608
L 1811	(B,148,138) Inductor	LCTC2R2K1608
L 2101	(A,80,117) Chip Coil	LCKAW150J2520
L 2154	(B,17,130) Inductor	LCTC1R0K1608
L 2155	(B,21,130) Inductor	LCTC1R0K1608
L 2156	(B,34,131) Inductor	LCTC1R0K1608

Circuit Symbol and No.		Part No.
L 2157	(B,31,126) Inductor	LCTC1R0K1608
L 2158	(B,32,124) Inductor	LCTC1R0K1608
L 2159	(A,75,109) Inductor	CTF1470
L 2160	(A,79,109) Chip Coil	LCKAW150J2520
L 2201	(B,52,117) Inductor	LCTAW2R2J3225
L 2202	(B,43,111) Inductor	LCYB15NJ1608
L 2400	(A,29,68) Chip Coil	LCKAW150J2520
L 2452	(B,45,78) Chip Coil	LCKAW150J2520
L 2501	(A,29,65) Chip Coil	LCKAW150J2520
TC1280	(A,47,16) Trimmer	CCL1048
TC2101	(A,76,141) Trimmer	CCL1048
X 1250	(A,21,38) Ceramic Resonator 503kHz	CSS1100
X 1280	(A,30,21) Crystal Resonator 14.31818MHz	CSS1593
X 1600	(A,136,41) Radiator 12.58291MHz	CSS1602
S 1471	(A,68,142) Switch(RESET)	CSG1020
S 1472	(A,162,11) Slide Switch(MODE)	CSH1069
VR1220	(A,73,58) Semi-fixed 2.2kΩ(B)	CCP1392
VR1221	(A,86,60) Semi-fixed 2.2kΩ(B)	CCP1392
VR2400	(A,8,72) Semi-fixed 15kΩ(B)	CCP1397
VR2451	(A,56,75) Semi-fixed 4.7kΩ(B)	CCP1394
⚠FU1470	(B,135,20) Fuse 3A	CEK1286
⚠FU1471	(B,144,4) Fuse 3A	CEK1286
⚠FU1472	(B,109,10) Fuse 3A	CEK1286
⚠FU1473	(B,90,16) Fuse 3A	CEK1286
EF1270	(A,22,12) EMI Filter	CCG1067
EF1271	(A,11,19) EMI Filter	CCG1067
EF1300	(A,94,18) Filter	CTF1580
EF1301	(A,138,18) Filter	CTF1580
EF1302	(A,85,18) Filter	CTF1580
FE2201	(A,38,99) Front End	CWB1102

RESISTORS

R 1100	(B,91,106)	RS1/16S182J
R 1101	(B,86,98)	RS1/16S102J
R 1102	(B,85,96)	RS1/16S473J
R 1103	(B,89,96)	RS1/16S473J
R 1104	(A,117,125)	RS1/16S821J
R 1105	(A,111,125)	RS1/16S821J
R 1106	(B,115,124)	RS1/16S104J
R 1107	(B,113,124)	RS1/16S104J
R 1120	(A,120,84)	RS1/16S182J
R 1121	(A,110,86)	RS1/16S102J
R 1122	(A,107,85)	RS1/16S473J
R 1123	(A,113,86)	RS1/16S473J
R 1124	(A,118,18)	RS1/16S821J
R 1125	(A,110,19)	RS1/16S821J
R 1126	(B,114,19)	RS1/16S104J
R 1127	(B,112,19)	RS1/16S104J
R 1201	(B,84,78)	RS1/16S562J
R 1202	(B,84,80)	RS1/16S562J
R 1203	(B,83,85)	RS1/16S562J
R 1204	(B,83,87)	RS1/16S562J
R 1205	(B,102,73)	RS1/16S101J
R 1206	(B,103,74)	RS1/16S101J
R 1221	(B,86,65)	RS1/16S102J
R 1222	(B,76,58)	RS1/16S102J
R 1223	(B,86,62)	RS1/16S102J
R 1224	(B,79,58)	RS1/16S222J
R 1225	(B,86,60)	RS1/16S222J
R 1226	(B,81,52)	RS1/16S471J
R 1227	(B,86,52)	RS1/16S471J
R 1230	(B,98,44)	RS1/16S105J
R 1231	(B,96,44)	RS1/16S105J
R 1232	(B,78,50)	RS1/16S105J
R 1233	(B,78,48)	RS1/16S105J
R 1234	(B,78,42)	RS1/16S105J
R 1235	(B,78,45)	RS1/16S105J
R 1250	(A,6,46)	RS1/16S471J
R 1251	(A,7,43)	RS1/16S821J
R 1253	(A,9,31)	RS1/16S471J
R 1254	(A,12,26)	RS1/16S361J
R 1256	(B,19,26)	RS1/16S473J
R 1257	(B,11,30)	RS1/16S684J
R 1258	(B,11,28)	RS1/16S224J
R 1259	(B,10,38)	RS1/16S122J
R 1260	(B,15,38)	RS1/16S1801F
R 1261	(B,19,40)	RS1/16S3900F
R 1262	(B,11,40)	RS1/16S182J
R 1270	(A,24,15)	RS1/16S681J
R 1271	(A,24,17)	RS1/16S221J
R 1272	(A,15,14)	RS1/16S562J
R 1280	(B,45,33)	RS1/16S393J
R 1281	(B,42,39)	RS1/16S103J
R 1282	(B,42,38)	RS1/16S103J
R 1283	(B,39,35)	RS1/16S105J
R 1284	(B,39,30)	RS1/16S102J
R 1285	(B,39,32)	RS1/16S102J
R 1286	(B,39,34)	RS1/16S472J
R 1287	(A,41,37)	RS1/16S0R0J
R 1291	(A,11,50)	RS1/16S102J
R 1292	(A,11,48)	RS1/16S471J
R 1294	(A,17,47)	RS1/16S102J
R 1295	(A,30,36)	RS1/16S102J
R 1296	(A,27,34)	RS1/16S104J
R 1297	(A,30,39)	RS1/16S101J
R 1298	(A,28,30)	RS1/16S102J
R 1299	(A,31,29)	RS1/16S104J
R 1300	(B,95,23)	RS1/16S680J
R 1302	(B,81,37)	RS1/16S105J
R 1303	(B,68,31)	RS1/16S105J
R 1304	(B,82,21)	RS1/16S680J
R 1305	(A,133,18)	RS1/16S680J
R 1340	(B,101,69)	RS1/16S103J
R 1341	(B,101,66)	RS1/16S472J
R 1350	(A,106,65)	RS1/16S471J
R 1351	(A,109,65)	RS1/16S471J
R 1401	(A,140,29)	RS1/16S102J
R 1402	(B,153,31)	RS1/16S822J
R 1403	(B,139,20)	RS1/16S102J
R 1404	(B,144,26)	RS1/16S103J
R 1405	(A,141,20)	RS1/16S102J
R 1406	(B,156,26)	RS1/16S392J
R 1407	(B,140,29)	RS1/16S472J
R 1408	(A,144,20)	RS1/16S472J
R 1409	(B,140,27)	RS1/16S103J
R 1420	(B,160,29)	RS1/16S332J
R 1421	(B,160,31)	RS1/16S473J
R 1430	(B,62,6)	RS1/16S750J
R 1431	(A,63,26)	RS1/16S472J

Circuit Symbol and No.		Part No.
R 1432	(A,54,27)	RS1/16S472J
R 1433	(A,67,29)	RS1/16S472J
R 1434	(A,52,30)	RS1/16S472J
R 1435	(A,51,33)	RS1/16S102J
R 1436	(A,77,80)	RS1/16S101J
R 1437	(A,63,34)	RS1/16S182J
R 1440	(B,127,140)	RS1/16S181J
R 1441	(B,119,134)	RS1/16S181J
R 1442	(B,117,138)	RS1/16S102J
R 1443	(B,118,128)	RS1/16S102J
R 1444	(B,122,140)	RS1/16S223J
R 1445	(B,119,132)	RS1/16S223J
R 1446	(B,92,123)	RS1/16S473J
R 1447	(B,104,123)	RS1/16S473J
R 1448	(B,92,125)	RS1/16S473J
R 1449	(B,102,123)	RS1/16S473J
R 1450	(B,94,124)	RS1/16S1002D
R 1451	(B,106,123)	RS1/16S1002D
R 1452	(B,86,122)	RS1/16S1002D
R 1453	(B,100,124)	RS1/16S1002D
R 1454	(B,94,119)	RS1/16S1002D
R 1455	(B,109,121)	RS1/16S1002D
R 1456	(B,89,119)	RS1/16S1002D
R 1457	(B,102,119)	RS1/16S1002D
R 1458	(B,84,119)	RS1/16S472J
R 1459	(B,100,117)	RS1/16S472J
R 1460	(B,126,126)	RS1/16S101J
R 1461	(B,122,127)	RS1/16S101J
R 1462	(A,105,95)	RS1/16S102J
R 1463	(A,107,96)	RS1/16S102J
R 1464	(A,105,92)	RS1/16S473J
R 1465	(A,115,96)	RS1/16S102J
R 1466	(A,109,89)	RS1/16S472J
R 1467	(A,110,96)	RS1/16S473J
R 1471	(B,128,21)	RS1/16S103J
R 1472	(B,128,20)	RS1/16S103J
R 1473	(B,135,21)	RS1/16S102J
R 1475	(B,161,23)	RS1/16S0R0J
R 1477	(B,165,17)	RS1/16S223J
R 1604	(B,118,42)	RS1/16S681J
R 1605	(B,119,46)	RS1/16S681J
R 1606	(B,120,46)	RS1/16S681J
R 1607	(B,121,42)	RS1/16S103J
R 1608	(B,120,42)	RS1/16S103J
R 1609	(B,132,38)	RS1/16S102J
R 1615	(B,115,48)	RS1/16S0R0J
R 1616	(A,115,58)	RAB4C681J
R 1617	(A,111,55)	RS1/16S102J
R 1618	(A,110,55)	RS1/16S102J
R 1619	(A,108,55)	RS1/16S102J
R 1620	(A,104,49)	RS1/16S473J
R 1621	(A,104,47)	RS1/16S473J
R 1622	(A,102,45)	RS1/16S103J
R 1623	(A,102,43)	RS1/16S103J
R 1624	(A,102,40)	RS1/16S473J
R 1625	(A,102,39)	RS1/16S473J
R 1626	(A,108,40)	RS1/16S102J
R 1627	(A,108,39)	RS1/16S102J
R 1629	(A,107,33) (UC)	RS1/16S104J
R 1629	(A,107,33) (ES)	RS1/16S683J

Circuit Symbol and No.		Part No.
R 1630	(A,107,34) (ES)	RS1/16S333J
R 1631	(B,111,26)	RS1/16S102J
R 1632	(B,121,25)	RS1/16S104J
R 1633	(B,121,30)	RS1/16S104J
R 1634	(B,117,32)	RS1/16S0R0J
R 1635	(B,117,30)	RS1/16S104J
R 1636	(B,117,34)	RS1/16S0R0J
R 1637	(B,117,36)	RS1/16S104J
R 1638	(A,124,25)	RAB4C681J
R 1641	(B,116,46)	RS1/16S681J
R 1642	(B,114,82)	RS1/16S471J
R 1643	(B,118,78)	RS1/16S471J
R 1644	(A,106,63)	RS1/16S471J
R 1680	(A,132,39)	RS1/16S102J
R 1681	(B,142,40)	RS1/16S104J
R 1684	(A,107,36)	RS1/16S473J
R 1691	(A,94,60)	RS1/16S473J
R 1693	(A,106,51)	RAB4C102J
R 1810	(B,145,109)	RS1/16S472J
R 1811	(B,141,109)	RS1/16S473J
R 1812	(B,141,107)	RS1/16S103J
R 1813	(B,145,103)	RS1/16S473J
R 1814	(B,145,105)	RS1/16S154J
R 1815	(A,147,101)	RS1/16S104J
R 1816	(A,147,98)	RS1/16S473J
R 1818	(B,142,45)	RS1/16S100J
R 1819	(B,144,45)	RS1/16S100J
R 1820	(B,146,45)	RS1/16S100J
R 1821	(B,150,43)	RS1/16S100J
R 1822	(A,141,57)	RS1/16S102J
R 1823	(A,140,58)	RS1/16S102J
R 1824	(A,147,58)	RS1/16S223J
R 1825	(B,146,140)	RS1/16S103J
R 1826	(B,143,134)	RS1/16S473J
R 1827	(B,139,137)	RS1/16S473J
R 1828	(B,137,137)	RS1/16S102J
R 1829	(B,136,111)	RS1/16S473J
R 1830	(B,137,108)	RS1/16S473J
R 1831	(B,125,108)	RS1/16S473J
R 1832	(B,128,105)	RS1/16S154J
R 1833	(A,153,51)	RS1/16S103J
R 1834	(A,152,49)	RS1/16S472J
R 1835	(A,119,121)	RS1/16S471J
R 1836	(A,117,119)	RS1/16S471J
R 1840	(A,117,117)	RS1/16S103J
R 1841	(A,117,115)	RS1/16S472J
R 1842	(A,112,115)	RS1/16S103J
R 1843	(A,112,117)	RS1/16S472J
R 1844	(A,115,104)	RS1/16S473J
R 1845	(A,115,105)	RS1/16S103J
R 1846	(A,122,103)	RS1/16S102J
R 1847	(B,109,104)	RS1/16S223J
R 1848	(A,104,105)	RS1/16S223J
R 1850	(A,158,104)	RS1/16S153J
R 1851	(A,150,102)	RS1/16S222J
R 1852	(A,150,104)	RS1/16S222J
R 1853	(B,138,77)	RS1/16S181J
R 1854	(B,142,76)	RS1/16S181J
R 1855	(B,144,76)	RS1/16S181J
R 1856	(A,140,70)	RS1/16S561J

Circuit Symbol and No.		Part No.
R 1857	(B,143,65)	RS1/16S471J
R 1858	(B,146,64)	RS1/16S471J
R 1859	(B,91,108)	RS1/16S121J
R 1860	(B,89,109)	RS1/16S121J
R 1861	(B,87,108)	RS1/16S121J
R 1862	(B,136,86)	RS1/16S223J
R 1863	(A,141,97)	RS1/16S223J
R 1864	(B,130,90)	RS1/16S221J
R 1865	(B,130,92)	RS1/16S221J
R 1866	(A,82,128)	RS1/16S0R0J
R 2101	(A,77,136)	RS1/16S223J
R 2102	(B,75,128)	RS1/16S1202F
R 2103	(A,61,137)	RAB4C102J
R 2104	(B,77,137)	RS1/16S393J
R 2105	(A,64,125)	RS1/16S101J
R 2106	(A,65,123)	RS1/16S101J
R 2107	(A,67,123)	RS1/16S101J
R 2108	(A,68,123)	RS1/16S101J
R 2109	(B,80,123)	RS1/16S151J
R 2111	(A,80,124)	RS1/16S473J
R 2112	(A,80,122)	RS1/16S223J
R 2155	(B,61,134)	RS1/16S472J
R 2156	(B,67,128)	RS1/16S472J
R 2157	(B,52,127)	RS1/16S472J
R 2158	(B,50,128)	RS1/16S472J
R 2159	(B,46,125)	RS1/16S222J
R 2201	(A,36,117)	RS1/16S271J
R 2202	(A,40,117)	RS1/16S271J
R 2205	(B,53,105)	RS1/16S102J
R 2206	(B,55,105)	RS1/16S102J
R 2208	(B,38,105)	RS1/16S0R0J
R 2209	(A,65,66)	RS1/16S0R0J
R 2211	(B,43,99)	RS1/16S0R0J
R 2212	(B,49,99)	RS1/16S0R0J
R 2213	(B,59,104)	RS1/16S0R0J
R 2220	(B,25,115)	RS1/16S0R0J
R 2400	(A,25,74)	RS1/16S104J
R 2401	(A,16,76)	RS1/16S472J
R 2402	(A,29,70)	RS1/16S472J
R 2403	(A,27,74)	RS1/16S472J
R 2404	(A,21,70)	RS1/16S102J
R 2405	(A,14,73)	RS1/16S222J
R 2406	(A,25,71)	RS1/16S103J
R 2451	(B,54,86)	RS1/16S222J
R 2452	(B,58,110)	RS1/16S222J
R 2453	(B,51,89)	RS1/16S152J
R 2454	(B,68,110)	RS1/16S222J
R 2455	(B,75,105)	RS1/16S222J
R 2457	(B,45,86)	RS1/16S222J
R 2458	(B,45,87)	RS1/16S0R0J
R 2460	(B,62,110)	RS1/16S102J
R 2501	(B,24,53)	RS1/16S822J
R 2502	(A,24,52)	RS1/16S473J
R 2503	(A,24,54)	RS1/16S243J
R 2504	(A,24,57)	RS1/16S682J
R 2603	(A,74,84)	RS1/16S0R0J

CAPACITORS

Circuit Symbol and No.		Part No.
C 1100	(B,87,104)	CKSRYB104K50
C 1101	(B,87,102)	CKSRYB105K10
C 1102	(A,120,125)	CKSYB106K6R3
C 1103	(A,109,125)	CKSYB106K6R3
C 1104	(B,117,126)	CCSRCH102J50
C 1105	(B,111,124)	CCSRCH102J50
C 1106	(A,91,99)	CEJQ100M16
C 1107	(B,85,92)	CKSRYB104K50
C 1120	(A,116,88)	CKSRYB104K50
C 1121	(A,106,87)	CKSRYB105K10
C 1122	(A,121,17)	CKSYB106K6R3
C 1123	(A,106,19)	CKSYB106K6R3
C 1124	(B,118,19)	CCSRCH102J50
C 1125	(B,111,19)	CCSRCH102J50
C 1126	(A,102,78)	CEJQ100M16
C 1127	(B,110,86)	CKSRYB104K50
C 1200	(B,79,85)	CKSRYB105K10
C 1201	(B,88,84)	CKSRYB105K10
C 1202	(B,79,87)	CKSRYB105K10
C 1203	(B,91,78)	CKSRYB105K10
C 1204	(B,88,80)	CKSRYB105K10
C 1205	(A,79,82)	CKSRYB105K10
C 1206	(B,92,91)	CKSRYB105K10
C 1207	(B,89,91)	CKSRYB105K10
C 1208	(A,101,91)	CEJQ100M16
C 1209	(A,105,85)	CKSRYB105K10
C 1210	(A,107,80)	CKSRYB105K10
C 1211	(B,98,90)	CKSRYB103K50
C 1212	(A,102,85)	CEJQ220M16
C 1213	(B,83,83)	CKSRYB153K50
C 1214	(B,85,90)	CKSRYB153K50
C 1220	(B,75,58)	CCSRCH5R0C50
C 1221	(B,86,63)	CCSRCH5R0C50
C 1222	(B,79,60)	CKSRYB103K50
C 1223	(B,86,58)	CKSRYB103K50
C 1230	(B,94,48)	CKSQYB225K10
C 1231	(B,94,44)	CKSRYB104K50
C 1232	(A,87,43)	CEJQ470M6R3
C 1233	(B,93,42)	CKSRYB103K50
C 1234	(A,77,52)	CKSQYB225K10
C 1235	(A,81,52)	CKSQYB225K10
C 1236	(B,81,49)	CKSRYB104K50
C 1237	(A,87,49)	CEJQ470M6R3
C 1238	(A,84,47)	CKSRYB103K50
C 1239	(B,78,40)	CKSQYB225K10
C 1240	(B,78,43)	CKSRYB104K50
C 1241	(A,70,43)	CEJQ470M6R3
C 1242	(A,74,43)	CKSRYB103K50
C 1250	(A,7,40)	CCSRCH560J50
C 1251	(A,7,36)	CCSRCH120J50
C 1252	(A,7,38)	CCSRCH120J50
C 1253	(A,7,31)	CCSRCH121J50
C 1254	(A,12,24)	CCSRCH331J50
C 1255	(A,12,27)	CKSRYB105K10
C 1256	(A,22,30)	CEJQ101M16
C 1257	(B,15,33)	CKSRYB103K50
C 1258	(A,10,39)	CKSRYB105K10
C 1259	(B,10,35)	CKSRYB153K50
C 1260	(B,19,36)	CCSRCH102J50
C 1261	(A,15,41)	CEJQ4R7M35
C 1262	(B,14,36)	CCSRCH151J50

Circuit Symbol and No.		Part No.
C 1263	(A,19,24)	CKSRYB103K50
C 1270	(A,23,20)	CKSRYB224K10
C 1271	(A,18,14)	CKSRYB103K50
C 1272	(A,14,9)	CEJQ100M16
C 1273	(A,13,17)	CCSRCH681J50
C 1281	(A,46,34)	CKSYB475K10
C 1282	(A,47,41)	CEJQ100M16
C 1283	(B,42,44)	CKSRYB104K50
C 1284	(A,35,39)	CEJQ100M16
C 1285	(B,39,28)	CKSRYB104K50
C 1286	(B,39,19)	CCSRCH390J50
C 1287	(B,37,25)	CCSRCH8R0D50
C 1288	(B,37,23)	CCSRCH6R0D50
C 1289	(A,34,11)	CEJQ100M16
C 1290	(B,37,18)	CKSRYB104K50
C 1291	(B,12,50)	CKSRYB103K50
C 1295	(A,32,33)	CKSQYB225K10
C 1296	(A,28,28)	CKSRYB103K50
C 1300	(B,94,39)	CKSYB475K10
C 1301	(A,97,35)	CKSRYB103K50
C 1302	(A,100,35)	CEJQ330M10
C 1303	(A,96,28)	CEJQ330M10
C 1304	(A,91,28)	CEJQ330M10
C 1307	(B,83,41)	CKSYB475K10
C 1308	(B,74,39)	CKSYB475K10
C 1309	(B,76,35)	CKSRYB103K50
C 1310	(A,70,36)	CEJQ101M16
C 1311	(A,79,28)	CEJQ220M16
C 1312	(A,87,36)	CEJQ101M16
C 1313	(A,84,28)	CEJQ220M16
C 1314	(A,71,28)	CEJQ101M16
C 1400	(A,141,24)	CKSRYB104K50
C 1401	(A,142,20)	CKSRYB104K50
C 1430	(A,62,23) 22µF	CCG1178
C 1431	(A,56,23) 22µF	CCG1178
C 1432	(A,65,29)	CCSRCH6R0D50
C 1433	(A,54,30)	CCSRCH6R0D50
C 1434	(A,52,33)	CKSRYB104K50
C 1435	(B,58,31)	CKSRYB102K50
C 1436	(B,62,30)	CKSRYB104K50
C 1437	(B,66,6)	CCSRCH471J50
C 1440	(B,113,138)	CKSRYB105K10
C 1441	(B,109,126)	CKSRYB105K10
C 1442	(B,120,141)	CKSRYB105K10
C 1443	(B,109,130)	CKSRYB105K10
C 1444	(B,93,119)	CCSRCH820J50
C 1445	(B,106,119)	CCSRCH820J50
C 1446	(B,91,119)	CCSRCH820J50
C 1447	(B,104,119)	CCSRCH820J50
C 1448	(A,85,119)	CKSRYB104K50
C 1449	(A,98,117)	CKSRYB104K50
C 1450	(A,86,114)	CEJQ100M16
C 1451	(A,103,114)	CEJQ100M16
C 1452	(B,88,124)	CKSRYB104K50
C 1453	(A,103,122)	CKSRYB104K50
C 1454	(A,91,114)	CEJQ220M16
C 1455	(A,108,114)	CEJQ220M16
C 1456	(B,130,129)	CCSRCH471J50
C 1457	(B,130,131)	CCSRCH471J50
C 1460	(B,121,124)	CCSRCH102J50

Circuit Symbol and No.		Part No.
C 1461	(B,124,124)	CCSRCH102J50
C 1462	(A,113,97)	CKSRYB104K50
C 1470	(B,133,139)	CKSRYB104K50
C 1471	(A,153,117) 3300µF/16V	CCH1150
C 1472	(B,153,117)	CKSRYB104K50
C 1473	(B,149,4)	CKSRYB104K50
C 1474	(B,135,18)	CKSRYB104K50
C 1475	(B,53,14)	CKSRYB104K50
C 1476	(B,155,17)	CKSRYB104K50
C 1477	(B,151,18)	CKSRYB102K50
C 1478	(B,107,7)	CCSRCH102J50
C 1479	(B,102,7)	CCSRCH102J50
C 1600	(B,134,40)	CCSRCH200J50
C 1601	(B,134,44)	CCSRCH200J50
C 1602	(B,124,42)	CKSRYB105K10
C 1603	(B,129,43)	CKSRYB104K50
C 1604	(B,118,53)	CKSRYB104K50
C 1605	(A,132,36)	CCSRCH101J50
C 1650	(B,121,66)	CKSRYB104K50
C 1651	(A,120,63)	CEJQ101M16
C 1652	(B,102,49)	CKSRYB104K50
C 1653	(B,116,28)	CKSRYB104K50
C 1654	(B,121,67)	CKSRYB102K50
C 1655	(B,103,49)	CKSRYB102K50
C 1656	(B,129,45)	CKSRYB102K50
C 1657	(B,118,55)	CKSRYB102K50
C 1658	(B,116,27)	CKSRYB102K50
C 1680	(B,147,39)	CKSQYB225K10
C 1681	(B,147,41)	CKSRYB103K50
C 1810	(B,145,107)	CKSRYB104K50
C 1812	(A,154,39)	CEAT331M16
C 1813	(B,152,60)	CKSRYB104K50
C 1814	(A,162,57)	CEJQ101M6R3
C 1815	(A,154,57)	CEJQ101M6R3
C 1816	(B,147,134)	CKSRYB104K50
C 1817	(B,145,134)	CKSRYB103K50
C 1818	(A,162,50)	CEJQ101M6R3
C 1850	(A,162,94)	CEJQ101M16
C 1851	(A,154,94)	CEJQ101M16
C 1852	(A,155,101)	CKSRYB103K50
C 1853	(A,162,79)	CEJQ101M16
C 1854	(B,146,76)	CKSRYB103K50
C 1855	(A,154,79)	CEJQ101M16
C 1856	(A,149,76)	CKSRYB103K50
C 1857	(A,162,72)	CEJQ101M16
C 1858	(A,143,67)	CKSRYB103K50
C 1859	(A,154,72)	CEJQ101M16
C 1860	(A,147,69)	CKSRYB103K50
C 1861	(A,162,64)	CEJQ101M16
C 1862	(A,144,62)	CKSRYB103K50
C 1863	(A,154,64)	CEJQ101M16
C 1864	(A,146,62)	CKSRYB103K50
C 1865	(A,98,107)	CEJQ101M16
C 1866	(A,84,105)	CKSRYB103K50
C 1867	(A,98,99)	CEJQ101M16
C 1868	(A,93,106)	CKSRYB103K50
C 1869	(A,154,87)	CEJQ101M16
C 1870	(A,146,80)	CKSRYB104K50
C 1871	(A,162,87)	CEJQ101M16
C 2101	(A,80,140)	CKSRYB153K50

Circuit Symbol and No.			Part No.
C 2102	(A,73,136)		CCSRTH180J50
C 2103	(A,79,136)		CKSRYB102K50
C 2104	(B,61,136)		CKSRYB103K50
C 2105	(B,62,139)		CKSRYB103K50
C 2106	(B,65,137)		CKSRYB103K50
C 2107	(B,69,137)		CKSRYB103K50
C 2108	(A,64,121)		CCSRCH681J50
C 2109	(A,66,119)		CCSRCH681J50
C 2110	(A,67,119)		CCSRCH681J50
C 2111	(A,69,119)		CCSRCH681J50
C 2112	(B,79,129)		CKSRYB152K50
C 2113	(A,70,123)		CKSRYB223K50
C 2114	(B,80,119)		CKSRYB224K10
C 2115	(B,73,128)		CKSRYB103K50
C 2116	(A,73,119)		CEJQ470M6R3
C 2117	(B,78,118)		CKSRYB102K50
C 2118	(A,75,124)		CKSRYB102K50
C 2119	(B,81,112)		CKSRYB103K50
C 2150	(A,8,131)		CKSRYB103K50
C 2151	(A,19,138)		CKSRYB103K50
C 2152	(A,31,139)		CKSRYB103K50
C 2153	(A,43,139)		CKSRYB103K50
C 2154	(A,19,127)		CCSRCH470J50
C 2155	(A,26,130)		CCSRCH470J50
C 2156	(A,30,129)		CCSRCH470J50
C 2157	(A,30,127)		CCSRCH470J50
C 2158	(B,17,134)		CCSRCH5R0D50
C 2159	(B,20,134)		CCSRCH5R0D50
C 2160	(B,54,127)		CCSRCH5R0D50
C 2161	(B,48,129)		CCSRCH5R0D50
C 2162	(B,44,129)		CCSRCH102J50
C 2164	(B,57,113)		CKSRYB103K50
C 2165	(A,73,112)		CEJQ100M16
C 2166	(B,43,124)		CKSRYB103K50
C 2167	(B,46,129)		CKSRYB103K50
C 2203	(B,48,105)		CKSRYB102K50
C 2204	(A,31,119)	470µF/10V	CCH1438
C 2205	(B,42,105)		CKSRYB104K50
C 2208	(B,46,105)		CKSQYB225K10
C 2209	(A,8,78)		CEJQ100M16
C 2210	(B,55,111)		CKSRYB102K50
C 2212	(B,53,102)		CKSRYB102K50
C 2223	(A,24,127)		CKSRYB102K50
C 2400	(B,21,75)		CKSRYB104K50
C 2401	(A,32,74)		CEJQ220M16
C 2402	(A,12,73)		CCSRCH101J50
C 2403	(A,27,71)		CCSRCH101J50
C 2404	(B,17,70)		CKSRYB104K50
C 2405	(A,17,67)		CEJQ220M16
C 2406	(A,17,70)		CKSRYB104K50
C 2407	(A,27,77)		CKSRYB105K10
C 2453	(B,44,83)		CKSRYB103K50
C 2454	(A,45,74)		CEJQ220M16
C 2501	(B,23,55)		CKSRYB103K50
C 2502	(A,29,52)		CEJQ220M16
C 2503	(A,24,56)		CKSRYB102K50
C 2504	(A,24,59)		CKSRYB682K50
C 2505	(A,24,61)		CKSRYB104K50
C 2506	(A,29,60)		CEJQ220M16
C 2507	(A,10,61)		CEJQNP100M16
C 2509	(B,21,65)		CKSRYB105K10
C 2601	(A,62,70)		CKSRYB104K50
C 2602	(A,67,75)	470µF/10V	CCH1438
C 2603	(A,62,65)		CKSRYB104K50
C 2604	(A,43,66)		CEJQ101M16

A

Unit Number:CWN1093(GEX-P5700TVP/EW)
Unit Number:CWN1094(GEX-P5750TVP/ES)
Unit Name:TV Tuner Unit

MISCELLANEOUS

IC 1100	(A,87,94) IC	NJM4558V
IC 1120	(A,112,83) IC	NJM4558V
IC 1200	(A,90,83) IC	CXA2089Q
IC 1230	(A,95,41) IC	NJM2233BM
IC 1231	(A,79,49) IC	NJM2235V
IC 1232	(A,79,41) IC	NJM2233BM
IC 1250	(A,15,33) IC	NJW1303V
IC 1251	(A,16,25) IC	TC7SH08FUS1
IC 1270	(A,18,18) IC	TC74VHC123AFTS1
IC 1280	(A,38,26) IC	M35014-001SP
IC 1300	(A,94,34) IC	TK15405BMI
IC 1301	(A,79,34) IC	NJM2267V
IC 1430	(A,59,30) IC	NJM2136V
IC 1440	(A,91,124) IC	NJM4558V
IC 1441	(A,103,125) IC	NJM4558V
IC 1442	(A,91,119) IC	NJM4558V
IC 1443	(A,103,119) IC	NJM4558V
IC 1460	(A,110,93) IC	HA12240FP
IC 1600	(A,120,42) IC	PE5494A
IC 1680	(A,142,39) IC	S-80841CNUA-B82
IC 2101	(A,72,130) IC	CM0035AM
IC 2400	(A,19,73) IC	NJM4558V
IC 2501	(A,18,58) IC	LA2120MS1
IC 2601	(A,54,67) IC	BA05FP
Q 1100	(B,91,103) Transistor	2SC4081
Q 1101	(A,114,124) Transistor	FMG12
Q 1102	(B,115,115) Transistor	DTA114EU
Q 1120	(A,118,84) Transistor	2SC4081
Q 1121	(A,113,19) Transistor	FMG12
Q 1122	(B,121,19) Transistor	DTA114EU
Q 1220	(B,77,53) Transistor	2SC4081
Q 1221	(B,85,69) Transistor	2SA1576
Q 1223	(B,84,55) Transistor	2SC4081
Q 1250	(A,9,43) Transistor	2SC4081
Q 1251	(A,7,28) Transistor	2SA1576
Q 1280	(B,46,36) Transistor	2SC4081
Q 1291	(A,13,46) Transistor	UMT2N
Q 1295	(A,30,33) Transistor	UMZ1N
Q 1332	(B,92,61) Transistor	DTC323TU
Q 1340	(B,97,69) Transistor	UMF23N
Q 1341	(B,97,66) Transistor	DTA124EU
Q 1342	(B,97,57) Transistor	FMG12
Q 1400	(B,153,26) Transistor	2SA1576
Q 1401	(A,138,22) Transistor	IMD2A
Q 1402	(B,150,28) Transistor	DTC124EU
Q 1403	(A,143,24) Transistor	UMH6N

Circuit Symbol and No.		Part No.
Q 1404	(B,140,23) Transistor	2SA1576
Q 1405	(A,133,25) Transistor	DTC124EU
Q 1420	(B,160,34) Transistor	2SA1576
Q 1421	(B,160,27) Transistor	DTC124EU
Q 1430	(B,59,35) Transistor	2SC4081
Q 1470	(B,132,23) Transistor	2SA1576
Q 1471	(B,126,23) Transistor	DTC124EU
Q 1642	(B,113,76) Transistor	DTA144EU
Q 1643	(B,116,72) Transistor	DTA144EU
Q 1810	(B,145,100) Transistor	2SC4081
Q 1811	(A,144,103) Transistor	IMX1
Q 1813	(A,136,60) Transistor	IMD3A
Q 1814	(B,139,52) Transistor	2SD1760F5
Q 1815	(B,140,134) Transistor	2SA1576
Q 1816	(B,133,108) Transistor	2SC4081
Q 1817	(B,129,108) Transistor	2SC4081
Q 1819	(A,155,49) Transistor	UMF23N
Q 1820	(A,118,113) Transistor	UMF23N
Q 1821	(A,112,113) Transistor	UMF23N
Q 1822	(A,119,103) Transistor	2SC4081
Q 1823	(B,106,104) Transistor	2SA1576
Q 1850	(A,155,104) Transistor	2SB1708
Q 1851	(A,151,106) Transistor	DTC124EU
Q 1852	(B,139,70) Transistor	2SD1760F5
Q 1853	(A,143,71) Transistor	2SD1664
Q 1854	(B,141,61) Transistor	2SD1664
Q 1855	(A,89,106) Transistor	2SD1664
Q 1856	(B,132,86) Transistor	2SA1576
Q 1857	(A,143,97) Transistor	DTC114EU
Q 1858	(A,143,82) Transistor	2SD2375
Q 2150	(B,61,132) Transistor	DTC114EU
Q 2151	(B,66,126) Transistor	DTC114EU
Q 2152	(B,57,126) Transistor	DTC114EU
Q 2153	(B,50,123) Transistor	DTC114EU
Q 2154	(B,60,120) Transistor	IMB11A
Q 2155	(B,67,132) Transistor	IMB11A
Q 2201	(A,72,101) Transistor	DTC114EU
Q 2202	(A,70,95) Transistor	DTC114EU
Q 2451	(B,50,95) Transistor	2SA1576
Q 2452	(B,75,108) Transistor	2SA1576
Q 2453	(B,50,85) Transistor	2SA1576
D 1100	(B,87,106) Diode	HZU4R3(B2)
D 1101	(A,112,121) Diode	DAP202U
D 1120	(A,117,87) Diode	HZU4R3(B2)
D 1121	(B,121,16) Diode	DAP202U
D 1270	(B,21,18) Diode	1SS355
D 1271	(B,14,17) Diode	1SS355
D 1280	(B,42,41) Diode	1SS355
D 1300	(B,93,34) Diode	MA153
D 1301	(B,82,34) Diode	MA153
D 1302	(B,75,29) Diode	MA153
D 1330	(B,92,66) Diode	1SS355
D 1340	(B,97,62) Diode	DAP202U
D 1400	(B,145,24) Diode	1SS355
D 1401	(A,145,20) Diode	1SS355
D 1402	(A,133,22) Diode	DAN202U
D 1403	(A,133,28) Diode	DAN202U
D 1404	(B,110,54) Diode	1SS355
D 1430	(A,56,34) Diode	HZU4R3(B2)
D 1431	(B,63,4) Diode	UDZS5R6(B)

Circuit Symbol and No.		Part No.
D 1432	(B,69,4) Diode	UDZS5R6(B)
D 1440	(B,88,114) Diode	UDZS4R7(B)
D 1441	(B,99,112) Diode	UDZS4R7(B)
D 1442	(B,113,133) Diode	UDZS5R6(B)
D 1443	(B,113,135) Diode	UDZS5R6(B)
D 1444	(B,131,136) Diode	UDZS5R6(B)
D 1445	(B,131,133) Diode	UDZS5R6(B)
D 1470	(B,75,22) Diode	UDZS12(B)
D 1471	(B,75,19) Diode	UDZS12(B)
D 1472	(B,149,22) Diode	UDZS12(B)
D 1473	(B,145,20) Diode	UDZS12(B)
D 1474	(A,157,129) Diode	ERA15-02VH
D 1475	(A,128,22) Diode	DAN202U
D 1476	(B,51,15) Diode	UDZS12(B)
D 1477	(B,69,20) Diode	UDZS12(B)
D 1478	(B,142,17) Diode	UDZS12(B)
D 1479	(B,158,15) Diode	UDZS12(B)
D 1680	(B,143,37) Diode	1SS355
D 1810	(B,144,111) Diode	UDZS6R8(B)
D 1811	(A,146,107) Diode	UDZS7R5(B)
D 1813	(A,146,55) Diode	1SR154-400
D 1814	(A,136,63) Diode	UDZS5R6(B)
D 1815	(B,143,137) Diode	DAN202U
D 1816	(A,113,104) Diode	UDZS8R2(B)
D 1817	(A,118,109) Diode	DAN202U
D 1818	(A,113,109) Diode	DAN202U
D 1820	(B,106,109) Diode	DAP202U
D 1850	(B,162,77) Diode	UDZS9R1(B)
D 1851	(B,162,75) Diode	UDZS5R6(B)
D 1852	(A,142,62) Diode	UDZS9R1(B)
D 1853	(B,98,103) Diode	HZU9R1(B3)
D 1854	(A,147,83) Diode	HZU9R1(B1)
D 2150	(A,22,127) Diode	HVC136
D 2151	(A,24,130) Diode	HVC136
D 2152	(A,26,129) Diode	HVC136
D 2153	(A,26,127) Diode	HVC136
D 2400	(A,32,78) Diode	UDZS4R7(B)
ZNR2150	(A,14,128) Surge Protector	RCCA-201Q31UA-PI
ZNR2151	(A,31,134) Surge Protector	RCCA-201Q31UA-PI
ZNR2152	(A,43,134) Surge Protector	RCCA-201Q31UA-PI
ZNR2153	(A,50,128) Surge Protector	RCCA-201Q31UA-PI
L 1200	(B,96,92) Inductor	LCKBW100K2520
L 1220	(B,78,62) Inductor	LCYC100K2125
L 1221	(B,81,64) Inductor	LCYC100K2125
L 1230	(A,94,47) Inductor	LCKBW100K2520
L 1231	(A,94,51) Inductor	LCKBW100K2520
L 1232	(A,64,40) Inductor	LCKBW100K2520
L 1250	(B,17,44) Inductor	LCKBW100K2520
L 1251	(A,9,34) Inductor	LCKAW820J2520
L 1252	(A,19,26) Inductor	CTF1473
L 1253	(A,12,23) Inductor	CTF1473
L 1270	(B,7,29) Inductor	LCKBW100K2520
L 1280	(B,35,43) Inductor	LCKBW100K2520
L 1281	(A,47,21) Inductor	LCKAW390J2520
L 1291	(B,21,49) Inductor	LCYC100K2125
L 1295	(B,31,31) Inductor	LCYC100K2125
L 1300	(B,99,40) Inductor	LCYC100K2125
L 1301	(A,64,37) Inductor	LCYC100K2125
L 1402	(B,144,28) Inductor	CTF1473
L 1430	(A,60,35) Chip Ferrite Bead	CTF1399

Circuit Symbol and No.		Part No.
L 1460	(A,115,92) Inductor	CTF1295
L 1470	(B,75,13) Inductor	CTF1379
L 1471	(B,73,15) Inductor	CTF1473
L 1472	(B,62,18) Inductor	CTF1379
L 1473	(B,56,14) Inductor	CTF1379
L 1474	(B,70,17) Inductor	CTF1379
L 1475	(B,66,17) Inductor	CTF1379
L 1476	(B,57,18) Inductor	CTF1379
L 1477	(B,155,20) Inductor	CTF1473
L 1478	(B,144,5) Inductor	CTF1379
L 1479	(B,155,15) Inductor	CTF1473
L 1480	(B,153,18) Inductor	CTF1379
L 1481	(A,141,17) Inductor	CTF1379
L 1482	(A,132,124) Choke Coil 2.4mH	CTH1101
L 1483	(B,140,15) Inductor	CTF1379
L 1602	(B,124,35) Inductor	CTF1473
L 1603	(B,124,37) Inductor	CTF1473
L 1604	(B,124,39) Inductor	CTF1473
L 1607	(B,126,53) Inductor	CTF1473
L 1608	(B,127,53) Inductor	CTF1473
L 1609	(B,115,43) Inductor7	CTF1473
L 1650	(A,99,51) Inductor	LCKBW150K2520
L 1651	(A,128,60) Inductor	LCKBW150K2520
L 1652	(B,121,59) Inductor	LCYC2R2K2125
L 1690	(A,98,61) Inductor	CTF1295
L 1810	(B,152,138) Inductor	LCTC2R2K1608
L 1811	(B,148,138) Inductor	LCTC2R2K1608
L 2101	(A,80,117) Chip Coil	LCKAW150J2520
L 2154	(B,17,130) Inductor	LCTC1R0K1608
L 2155	(B,21,130) Inductor	LCTC1R0K1608
L 2156	(B,34,131) Inductor	LCTC1R0K1608
L 2157	(B,31,126) Inductor	LCTC1R0K1608
L 2158	(B,32,124) Inductor	LCTC1R0K1608
L 2159	(A,75,109) Inductor	CTF1470
L 2160	(A,79,109) Chip Coil	LCKAW150J2520
L 2201	(B,52,117) Inductor	LCTAW2R2J3225
L 2400	(A,29,68) Chip Coil	LCKAW150J2520
L 2452	(B,45,78) Chip Coil	LCKAW150J2520
L 2501	(A,29,65) Chip Coil	LCKAW150J2520
TC1280	(A,47,16) Trimmer	CCL1048
TC2101	(A,76,141) Trimmer	CCL1048
X 1250	(A,21,38) Ceramic Resonator 503kHz	CSS1100
X 1280	(A,30,21) Crystal Resonator 17.734475MHz	CSS1594
X 1600	(A,136,41) Radiator 12.58291MHz	CSS1602
S 1471	(A,68,142) Switch(RESET)	CSG1020
S 1472	(A,162,11) Slide Switch(MODE)	CSH1069
VR1220	(A,73,58) Semi-fixed 2.2kΩ(B)	CCP1392
VR1221	(A,86,60) Semi-fixed 2.2kΩ(B)	CCP1392
VR2400	(A,8,72) Semi-fixed 15kΩ(B)	CCP1397
VR2451	(A,56,75) Semi-fixed 4.7kΩ(B)	CCP1394
⚠FU1470	(B,135,20) Fuse 3A	CEK1286
⚠FU1471	(B,144,4) Fuse 3A	CEK1286
⚠FU1472	(B,109,10) Fuse 3A	CEK1286
⚠FU1473	(B,90,16) Fuse 3A	CEK1286
EF1270	(A,22,12) EMI Filter	CCG1067
EF1271	(A,11,19) EMI Filter	CCG1067
EF1300	(A,94,18) Filter	CTF1580
EF1301	(A,138,18) Filter	CTF1580
EF1302	(A,85,18) Filter	CTF1580

Circuit Symbol and No.		Part No.
FE2201	(A,38,99) Front End	CWB1103

RESISTORS

R 1100	(B,91,106)	RS1/16S182J
R 1101	(B,86,98)	RS1/16S102J
R 1102	(B,85,96)	RS1/16S473J
R 1103	(B,89,96)	RS1/16S473J
R 1104	(A,117,125)	RS1/16S821J
R 1105	(A,111,125)	RS1/16S821J
R 1106	(B,115,124)	RS1/16S104J
R 1107	(B,113,124)	RS1/16S104J
R 1120	(A,120,84)	RS1/16S182J
R 1121	(A,110,86)	RS1/16S102J
R 1122	(A,107,85)	RS1/16S473J
R 1123	(A,113,86)	RS1/16S473J
R 1124	(A,118,18)	RS1/16S821J
R 1125	(A,110,19)	RS1/16S821J
R 1126	(B,114,19)	RS1/16S104J
R 1127	(B,112,19)	RS1/16S104J
R 1201	(B,84,78)	RS1/16S562J
R 1202	(B,84,80)	RS1/16S562J
R 1203	(B,83,85)	RS1/16S562J
R 1204	(B,83,87)	RS1/16S562J
R 1205	(B,102,73)	RS1/16S101J
R 1206	(B,103,74)	RS1/16S101J
R 1221	(B,86,65)	RS1/16S102J
R 1222	(B,76,58)	RS1/16S102J
R 1223	(B,86,62)	RS1/16S102J
R 1224	(B,79,58)	RS1/16S222J
R 1225	(B,86,60)	RS1/16S222J
R 1226	(B,81,52)	RS1/16S471J
R 1227	(B,86,52)	RS1/16S471J
R 1230	(B,98,44)	RS1/16S105J
R 1231	(B,96,44)	RS1/16S105J
R 1232	(B,78,50)	RS1/16S105J
R 1233	(B,78,48)	RS1/16S105J
R 1234	(B,78,42)	RS1/16S105J
R 1235	(B,78,45)	RS1/16S105J
R 1250	(A,6,46)	RS1/16S471J
R 1251	(A,7,43)	RS1/16S821J
R 1253	(A,9,31)	RS1/16S471J
R 1254	(A,12,26)	RS1/16S361J
R 1255	(B,18,30)	RS1/16S473J
R 1257	(B,11,30)	RS1/16S684J
R 1258	(B,11,28)	RS1/16S224J
R 1259	(B,10,38)	RS1/16S122J
R 1260	(B,15,38)	RS1/16S2001F
R 1261	(B,19,40)	RS1/16S3600F
R 1262	(B,11,40)	RS1/16S182J
R 1270	(A,24,15)	RS1/16S681J
R 1271	(A,24,17)	RS1/16S221J
R 1272	(A,15,14)	RS1/16S562J
R 1280	(B,45,33)	RS1/16S393J
R 1281	(B,42,39)	RS1/16S103J
R 1282	(B,42,38)	RS1/16S103J
R 1283	(B,39,35)	RS1/16S105J
R 1284	(B,39,30)	RS1/16S102J
R 1285	(B,39,32)	RS1/16S102J
R 1286	(B,39,34)	RS1/16S472J

Circuit Symbol and No.		Part No.
R 1287	(A,41,37)	RS1/16S0R0J
R 1291	(A,11,50)	RS1/16S102J
R 1292	(A,11,48)	RS1/16S471J
R 1294	(A,17,47)	RS1/16S102J
R 1295	(A,30,36)	RS1/16S102J
R 1296	(A,27,34)	RS1/16S104J
R 1297	(A,30,39)	RS1/16S101J
R 1298	(A,28,30)	RS1/16S102J
R 1299	(A,31,29)	RS1/16S104J
R 1300	(B,95,23)	RS1/16S680J
R 1302	(B,81,37)	RS1/16S105J
R 1303	(B,68,31)	RS1/16S105J
R 1304	(B,82,21)	RS1/16S680J
R 1305	(A,133,18)	RS1/16S680J
R 1340	(B,101,69)	RS1/16S103J
R 1341	(B,101,66)	RS1/16S472J
R 1350	(A,106,65)	RS1/16S471J
R 1351	(A,109,65)	RS1/16S471J
R 1401	(A,140,29)	RS1/16S102J
R 1402	(B,153,31)	RS1/16S822J
R 1403	(B,139,20)	RS1/16S102J
R 1404	(B,144,26)	RS1/16S103J
R 1405	(A,141,20)	RS1/16S102J
R 1406	(B,156,26)	RS1/16S392J
R 1407	(B,140,29)	RS1/16S472J
R 1408	(A,144,20)	RS1/16S472J
R 1409	(B,140,27)	RS1/16S103J
R 1420	(B,160,29)	RS1/16S332J
R 1421	(B,160,31)	RS1/16S473J
R 1430	(B,62,6)	RS1/16S750J
R 1431	(A,63,26)	RS1/16S472J
R 1432	(A,54,27)	RS1/16S472J
R 1433	(A,67,29)	RS1/16S472J
R 1434	(A,52,30)	RS1/16S472J
R 1435	(A,51,33)	RS1/16S102J
R 1436	(A,77,80)	RS1/16S101J
R 1437	(A,63,34)	RS1/16S182J
R 1440	(B,127,140)	RS1/16S181J
R 1441	(B,119,134)	RS1/16S181J
R 1442	(B,117,138)	RS1/16S102J
R 1443	(B,118,128)	RS1/16S102J
R 1444	(B,122,140)	RS1/16S223J
R 1445	(B,119,132)	RS1/16S223J
R 1446	(B,92,123)	RS1/16S473J
R 1447	(B,104,123)	RS1/16S473J
R 1448	(B,92,125)	RS1/16S473J
R 1449	(B,102,123)	RS1/16S473J
R 1450	(B,94,124)	RS1/16S1002D
R 1451	(B,106,123)	RS1/16S1002D
R 1452	(B,86,122)	RS1/16S1002D
R 1453	(B,100,124)	RS1/16S1002D
R 1454	(B,94,119)	RS1/16S1002D
R 1455	(B,109,121)	RS1/16S1002D
R 1456	(B,89,119)	RS1/16S1002D
R 1457	(B,102,119)	RS1/16S1002D
R 1458	(B,84,119)	RS1/16S472J
R 1459	(B,100,117)	RS1/16S472J
R 1460	(B,126,126)	RS1/16S101J
R 1461	(B,122,127)	RS1/16S101J
R 1462	(A,105,95)	RS1/16S102J

Circuit Symbol and No.		Part No.
R 1463	(A,107,96)	RS1/16S102J
R 1464	(A,105,92)	RS1/16S473J
R 1465	(A,115,96)	RS1/16S102J
R 1466	(A,109,89)	RS1/16S472J
R 1467	(A,110,96)	RS1/16S473J
R 1471	(B,128,21)	RS1/16S103J
R 1472	(B,128,20)	RS1/16S103J
R 1473	(B,135,21)	RS1/16S102J
R 1475	(B,161,23)	RS1/16S0R0J
R 1477	(B,165,17)	RS1/16S223J
R 1604	(B,118,42)	RS1/16S681J
R 1605	(B,119,46)	RS1/16S681J
R 1606	(B,120,46)	RS1/16S681J
R 1607	(B,121,42)	RS1/16S103J
R 1608	(B,120,42)	RS1/16S103J
R 1609	(B,132,38)	RS1/16S102J
R 1615	(B,115,48)	RS1/16S0R0J
R 1616	(A,115,58)	RAB4C681J
R 1617	(A,111,55)	RS1/16S102J
R 1618	(A,110,55)	RS1/16S102J
R 1619	(A,108,55)	RS1/16S102J
R 1620	(A,104,49)	RS1/16S473J
R 1621	(A,104,47)	RS1/16S473J
R 1622	(A,102,45)	RS1/16S103J
R 1623	(A,102,43)	RS1/16S103J
R 1624	(A,102,40)	RS1/16S473J
R 1625	(A,102,39)	RS1/16S473J
R 1626	(A,108,40)	RS1/16S102J
R 1627	(A,108,39)	RS1/16S102J
R 1629	(A,107,33) (ES)	RS1/16S333J
R 1630	(A,107,34) (EW)	RS1/16S104J
R 1630	(A,107,34) (ES)	RS1/16S683J
R 1631	(B,111,26)	RS1/16S102J
R 1632	(B,121,25)	RS1/16S104J
R 1633	(B,121,30)	RS1/16S104J
R 1634	(B,117,32)	RS1/16S0R0J
R 1635	(B,117,30)	RS1/16S104J
R 1636	(B,117,34)	RS1/16S0R0J
R 1637	(B,117,36)	RS1/16S104J
R 1638	(A,124,25)	RAB4C681J
R 1639	(B,126,57)	RS1/16S681J
R 1640	(B,127,57)	RS1/16S681J
R 1641	(B,116,46)	RS1/16S681J
R 1642	(B,114,82)	RS1/16S471J
R 1643	(B,118,78)	RS1/16S471J
R 1644	(A,106,63)	RS1/16S471J
R 1680	(A,132,39)	RS1/16S102J
R 1681	(B,142,40)	RS1/16S104J
R 1682	(A,151,29)	RS1/16S102J
R 1683	(A,150,29)	RS1/16S102J
R 1684	(A,107,36)	RS1/16S473J
R 1691	(A,94,60)	RS1/16S473J
R 1693	(A,106,51)	RAB4C102J
R 1810	(B,145,109)	RS1/16S472J
R 1811	(B,141,109)	RS1/16S473J
R 1812	(B,141,107)	RS1/16S103J
R 1813	(B,145,103)	RS1/16S473J
R 1814	(B,145,105)	RS1/16S154J
R 1815	(A,147,101)	RS1/16S104J
R 1816	(A,147,98)	RS1/16S473J

Circuit Symbol and No.		Part No.
R 1818	(B,142,45)	RS1/16S100J
R 1819	(B,144,45)	RS1/16S100J
R 1820	(B,146,45)	RS1/16S100J
R 1821	(B,150,43)	RS1/16S100J
R 1822	(A,141,57)	RS1/16S102J
R 1823	(A,140,58)	RS1/16S102J
R 1824	(A,147,58)	RS1/16S223J
R 1825	(B,146,140)	RS1/16S103J
R 1826	(B,143,134)	RS1/16S473J
R 1827	(B,139,137)	RS1/16S473J
R 1828	(B,137,137)	RS1/16S102J
R 1829	(B,136,111)	RS1/16S473J
R 1830	(B,137,108)	RS1/16S473J
R 1831	(B,125,108)	RS1/16S473J
R 1832	(B,128,105)	RS1/16S154J
R 1833	(A,153,51)	RS1/16S103J
R 1834	(A,152,49)	RS1/16S472J
R 1835	(A,119,121)	RS1/16S471J
R 1836	(A,117,119)	RS1/16S471J
R 1840	(A,117,117)	RS1/16S103J
R 1841	(A,117,115)	RS1/16S472J
R 1842	(A,112,115)	RS1/16S103J
R 1843	(A,112,117)	RS1/16S472J
R 1844	(A,115,104)	RS1/16S473J
R 1845	(A,115,105)	RS1/16S103J
R 1846	(A,122,103)	RS1/16S102J
R 1847	(B,109,104)	RS1/16S223J
R 1848	(A,104,105)	RS1/16S223J
R 1850	(A,158,104)	RS1/16S153J
R 1851	(A,150,102)	RS1/16S222J
R 1852	(A,150,104)	RS1/16S222J
R 1853	(B,138,77)	RS1/16S181J
R 1854	(B,142,76)	RS1/16S181J
R 1855	(B,144,76)	RS1/16S181J
R 1856	(A,140,70)	RS1/16S561J
R 1857	(B,143,65)	RS1/16S471J
R 1858	(B,146,64)	RS1/16S471J
R 1859	(B,91,108)	RS1/16S121J
R 1860	(B,89,109)	RS1/16S121J
R 1861	(B,87,108)	RS1/16S121J
R 1862	(B,136,86)	RS1/16S223J
R 1863	(A,141,97)	RS1/16S223J
R 1864	(B,130,90)	RS1/16S221J
R 1865	(B,130,92)	RS1/16S221J
R 1866	(A,82,128)	RS1/16S0R0J
R 2101	(A,77,136)	RS1/16S223J
R 2102	(B,75,128)	RS1/16S1202F
R 2103	(A,61,137)	RAB4C102J
R 2104	(B,77,137)	RS1/16S393J
R 2105	(A,64,125)	RS1/16S101J
R 2106	(A,65,123)	RS1/16S101J
R 2107	(A,67,123)	RS1/16S101J
R 2108	(A,68,123)	RS1/16S101J
R 2109	(B,80,123)	RS1/16S151J
R 2111	(A,80,124)	RS1/16S473J
R 2112	(A,80,122)	RS1/16S223J
R 2115	(B,71,130)	RS1/16S0R0J
R 2155	(B,61,134)	RS1/16S472J
R 2156	(B,67,128)	RS1/16S472J
R 2157	(B,52,127)	RS1/16S472J
R 2158	(B,50,128)	RS1/16S472J
R 2159	(B,46,125)	RS1/16S222J
R 2201	(A,36,117)	RS1/16S271J
R 2202	(A,40,117)	RS1/16S271J
R 2203	(A,74,103)	RS1/16S102J
R 2204	(A,71,103)	RS1/16S102J
R 2205	(B,53,105)	RS1/16S102J
R 2206	(B,55,105)	RS1/16S102J
R 2207	(B,47,111)	RS1/16S102J
R 2208	(B,38,105)	RS1/16S0R0J
R 2209	(A,65,66)	RS1/16S0R0J
R 2210	(B,41,111)	RS1/16S0R0J
R 2220	(B,25,115)	RS1/16S0R0J
R 2400	(A,25,74)	RS1/16S104J
R 2401	(A,16,76)	RS1/16S472J
R 2402	(A,29,70)	RS1/16S472J
R 2403	(A,27,74)	RS1/16S472J
R 2404	(A,21,70)	RS1/16S102J
R 2405	(A,14,73)	RS1/16S102J
R 2406	(A,25,71)	RS1/16S103J
R 2451	(B,54,86)	RS1/16S222J
R 2452	(B,58,110)	RS1/16S222J
R 2453	(B,51,89)	RS1/16S152J
R 2454	(B,68,110)	RS1/16S222J
R 2455	(B,75,105)	RS1/16S222J
R 2457	(B,45,86)	RS1/16S222J
R 2458	(B,45,87)	RS1/16S0R0J
R 2460	(B,62,110)	RS1/16S102J
R 2501	(B,24,53)	RS1/16S822J
R 2502	(A,24,52)	RS1/16S473J
R 2503	(A,24,54)	RS1/16S243J
R 2504	(A,24,57)	RS1/16S682J
R 2603	(A,74,84)	RS1/16S0R0J

CAPACITORS

C 1100	(B,87,104)	CKSRYB104K50
C 1101	(B,87,102)	CKSRYB105K10
C 1102	(A,120,125)	CKSYB106K6R3
C 1103	(A,109,125)	CKSYB106K6R3
C 1104	(B,117,126)	CCSRCH102J50
C 1105	(B,111,124)	CCSRCH102J50
C 1106	(A,91,99)	CEJQ100M16
C 1107	(B,85,92)	CKSRYB104K50
C 1120	(A,116,88)	CKSRYB104K50
C 1121	(A,106,87)	CKSRYB105K10
C 1122	(A,121,17)	CKSYB106K6R3
C 1123	(A,106,19)	CKSYB106K6R3
C 1124	(B,118,19)	CCSRCH102J50
C 1125	(B,111,19)	CCSRCH102J50
C 1126	(A,102,78)	CEJQ100M16
C 1127	(B,110,86)	CKSRYB104K50
C 1200	(B,79,85)	CKSRYB105K10
C 1201	(B,88,84)	CKSRYB105K10
C 1202	(B,79,87)	CKSRYB105K10
C 1203	(B,91,78)	CKSRYB105K10
C 1204	(B,88,80)	CKSRYB105K10
C 1205	(A,79,82)	CKSRYB105K10
C 1206	(B,92,91)	CKSRYB105K10
C 1207	(B,89,91)	CKSRYB105K10
C 1208	(A,101,91)	CEJQ100M16

Circuit Symbol and No.		Part No.
C 1209	(A,105,85)	CKSRYB105K10
C 1210	(A,107,80)	CKSRYB105K10
C 1211	(B,98,90)	CKSRYB103K50
C 1212	(A,102,85)	CEJQ220M16
C 1213	(B,83,83)	CKSRYB103K50
C 1214	(B,85,90)	CKSRYB103K50
C 1220	(B,75,58)	CCSRCH5R0C50
C 1221	(B,86,63)	CCSRCH5R0C50
C 1222	(B,79,60)	CKSRYB103K50
C 1223	(B,86,58)	CKSRYB103K50
C 1230	(B,94,48)	CKSQYB225K10
C 1231	(B,94,44)	CKSRYB104K50
C 1232	(A,87,43)	CEJQ470M6R3
C 1233	(B,93,42)	CKSRYB103K50
C 1234	(A,77,52)	CKSQYB225K10
C 1235	(A,81,52)	CKSQYB225K10
C 1236	(B,81,49)	CKSRYB104K50
C 1237	(A,87,49)	CEJQ470M6R3
C 1238	(A,84,47)	CKSRYB103K50
C 1239	(B,78,40)	CKSQYB225K10
C 1240	(B,78,43)	CKSRYB104K50
C 1241	(A,70,43)	CEJQ470M6R3
C 1242	(A,74,43)	CKSRYB103K50
C 1250	(A,7,40)	CCSRCH560J50
C 1251	(A,7,36)	CCSRCH150J50
C 1253	(A,7,31)	CCSRCH121J50
C 1254	(A,12,24)	CCSRCH331J50
C 1255	(A,12,27)	CKSRYB105K10
C 1256	(A,22,30)	CEJQ101M16
C 1257	(B,15,33)	CKSRYB103K50
C 1258	(A,10,39)	CKSRYB105K10
C 1259	(B,10,35)	CKSRYB153K50
C 1260	(B,19,36)	CCSRCH102J50
C 1261	(A,15,41)	CEJQ4R7M35
C 1262	(B,14,36)	CCSRCH151J50
C 1263	(A,19,24)	CKSRYB103K50
C 1270	(A,23,20)	CKSRYB224K10
C 1271	(A,18,14)	CKSRYB103K50
C 1272	(A,14,9)	CEJQ100M16
C 1273	(A,13,17)	CCSRCH681J50
C 1281	(A,46,34)	CKSYB475K10
C 1282	(A,47,41)	CEJQ100M16
C 1283	(B,42,44)	CKSRYB104K50
C 1284	(A,35,39)	CEJQ100M16
C 1285	(B,39,28)	CKSRYB104K50
C 1286	(B,39,19)	CCSRCH390J50
C 1287	(B,37,25)	CCSRCH5R0C50
C 1288	(B,37,23)	CCSRCH6R0D50
C 1289	(A,34,11)	CEJQ100M16
C 1290	(B,37,18)	CKSRYB104K50
C 1291	(B,12,50)	CKSRYB103K50
C 1295	(A,32,33)	CKSQYB225K10
C 1296	(A,28,28)	CKSRYB103K50
C 1300	(B,94,39)	CKSYB475K10
C 1301	(A,97,35)	CKSRYB103K50
C 1302	(A,100,35)	CEJQ330M10
C 1303	(A,96,28)	CEJQ330M10
C 1304	(A,91,28)	CEJQ330M10
C 1307	(B,83,41)	CKSYB475K10
C 1308	(B,74,39)	CKSYB475K10

Circuit Symbol and No.		Part No.
C 1309	(B,76,35)	CKSRYB103K50
C 1310	(A,70,36)	CEJQ101M16
C 1311	(A,79,28)	CEJQ220M16
C 1312	(A,87,36)	CEJQ101M16
C 1313	(A,84,28)	CEJQ220M16
C 1314	(A,71,28)	CEJQ101M16
C 1400	(A,141,24)	CKSRYB104K50
C 1401	(A,142,20)	CKSRYB104K50
C 1430	(A,62,23) 22µF	CCG1178
C 1431	(A,56,23) 22µF	CCG1178
C 1432	(A,65,29)	CCSRCH6R0D50
C 1433	(A,54,30)	CCSRCH6R0D50
C 1434	(A,52,33)	CKSRYB104K50
C 1435	(B,58,31)	CKSRYB102K50
C 1436	(B,62,30)	CKSRYB104K50
C 1437	(B,66,6)	CCSRCH471J50
C 1440	(B,113,138)	CKSRYB105K10
C 1441	(B,109,126)	CKSRYB105K10
C 1442	(B,120,141)	CKSRYB105K10
C 1443	(B,109,130)	CKSRYB105K10
C 1444	(B,93,119)	CCSRCH820J50
C 1445	(B,106,119)	CCSRCH820J50
C 1446	(B,91,119)	CCSRCH820J50
C 1447	(B,104,119)	CCSRCH820J50
C 1448	(A,85,119)	CKSRYB104K50
C 1449	(A,98,117)	CKSRYB104K50
C 1450	(A,86,114)	CEJQ100M16
C 1451	(A,103,114)	CEJQ100M16
C 1452	(B,88,124)	CKSRYB104K50
C 1453	(A,103,122)	CKSRYB104K50
C 1454	(A,91,114)	CEJQ220M16
C 1455	(A,108,114)	CEJQ220M16
C 1456	(B,130,129)	CCSRCH471J50
C 1457	(B,130,131)	CCSRCH471J50
C 1460	(B,121,124)	CCSRCH102J50
C 1461	(B,124,124)	CCSRCH102J50
C 1462	(A,113,97)	CKSRYB104K50
C 1470	(B,133,139)	CKSRYB104K50
C 1471	(A,153,117) 3300µF/16V	CCH1150
C 1472	(B,153,117)	CKSRYB104K50
C 1473	(B,149,4)	CKSRYB104K50
C 1474	(B,135,18)	CKSRYB104K50
C 1475	(B,53,14)	CKSRYB104K50
C 1476	(B,155,17)	CKSRYB104K50
C 1477	(B,151,18)	CKSRYB102K50
C 1478	(B,107,7)	CCSRCH102J50
C 1479	(B,102,7)	CCSRCH102J50
C 1600	(B,134,40)	CCSRCH200J50
C 1601	(B,134,44)	CCSRCH200J50
C 1602	(B,124,42)	CKSRYB105K10
C 1603	(B,129,43)	CKSRYB104K50
C 1604	(B,118,53)	CKSRYB104K50
C 1605	(A,132,36)	CCSRCH101J50
C 1650	(B,121,66)	CKSRYB104K50
C 1651	(A,120,63)	CEJQ101M16
C 1652	(B,102,49)	CKSRYB104K50
C 1653	(B,116,28)	CKSRYB104K50
C 1654	(B,121,67)	CKSRYB102K50
C 1655	(B,103,49)	CKSRYB102K50
C 1656	(B,129,45)	CKSRYB102K50

Circuit Symbol and No.			Part No.
C 1657	(B,118,55)		CKSRYB102K50
C 1658	(B,116,27)		CKSRYB102K50
C 1680	(B,147,39)		CKSQYB225K10
C 1681	(B,147,41)		CKSRYB103K50
C 1810	(B,145,107)		CKSRYB104K50
C 1812	(A,154,39)		CEAT331M16
C 1813	(B,152,60)		CKSRYB104K50
C 1814	(A,162,57)		CEJQ101M6R3
C 1815	(A,154,57)		CEJQ101M6R3
C 1816	(B,147,134)		CKSRYB104K50
C 1817	(B,145,134)		CKSRYB103K50
C 1818	(A,162,50)		CEJQ101M6R3
C 1850	(A,162,94)		CEJQ101M16
C 1851	(A,154,94)		CEJQ101M16
C 1852	(A,155,101)		CKSRYB103K50
C 1853	(A,162,79)		CEJQ101M16
C 1854	(B,146,76)		CKSRYB103K50
C 1855	(A,154,79)		CEJQ101M16
C 1856	(A,149,76)		CKSRYB103K50
C 1857	(A,162,72)		CEJQ101M16
C 1858	(A,143,67)		CKSRYB103K50
C 1859	(A,154,72)		CEJQ101M16
C 1860	(A,147,69)		CKSRYB103K50
C 1861	(A,162,64)		CEJQ101M16
C 1862	(A,144,62)		CKSRYB103K50
C 1863	(A,154,64)		CEJQ101M16
C 1864	(A,146,62)		CKSRYB103K50
C 1865	(A,98,107)		CEJQ101M16
C 1866	(A,84,105)		CKSRYB103K50
C 1867	(A,98,99)		CEJQ101M16
C 1868	(A,93,106)		CKSRYB103K50
C 1869	(A,154,87)		CEJQ101M16
C 1870	(A,146,80)		CKSRYB104K50
C 1871	(A,162,87)		CEJQ101M16
C 2101	(A,80,140)		CKSRYB153K50
C 2102	(A,73,136)		CCSRTH180J50
C 2103	(A,79,136)		CKSRYB102K50
C 2104	(B,61,136)		CKSRYB103K50
C 2105	(B,62,139)		CKSRYB103K50
C 2106	(B,65,137)		CKSRYB103K50
C 2107	(B,69,137)		CKSRYB103K50
C 2108	(A,64,121)		CCSRCH681J50
C 2109	(A,66,119)		CCSRCH681J50
C 2110	(A,67,119)		CCSRCH681J50
C 2111	(A,69,119)		CCSRCH681J50
C 2112	(B,79,129)		CKSRYB152K50
C 2113	(A,70,123)		CKSRYB223K50
C 2114	(B,80,119)		CKSRYB224K10
C 2115	(B,73,128)		CKSRYB103K50
C 2116	(A,73,119)		CEJQ470M6R3
C 2117	(B,78,118)		CKSRYB102K50
C 2118	(A,75,124)		CKSRYB102K50
C 2150	(A,8,131)		CKSRYB103K50
C 2151	(A,19,138)		CKSRYB103K50
C 2152	(A,31,139)		CKSRYB103K50
C 2153	(A,43,139)		CKSRYB103K50
C 2154	(A,19,127)		CCSRCH470J50
C 2155	(A,26,130)		CCSRCH470J50
C 2156	(A,30,129)		CCSRCH470J50
C 2157	(A,30,127)		CCSRCH470J50

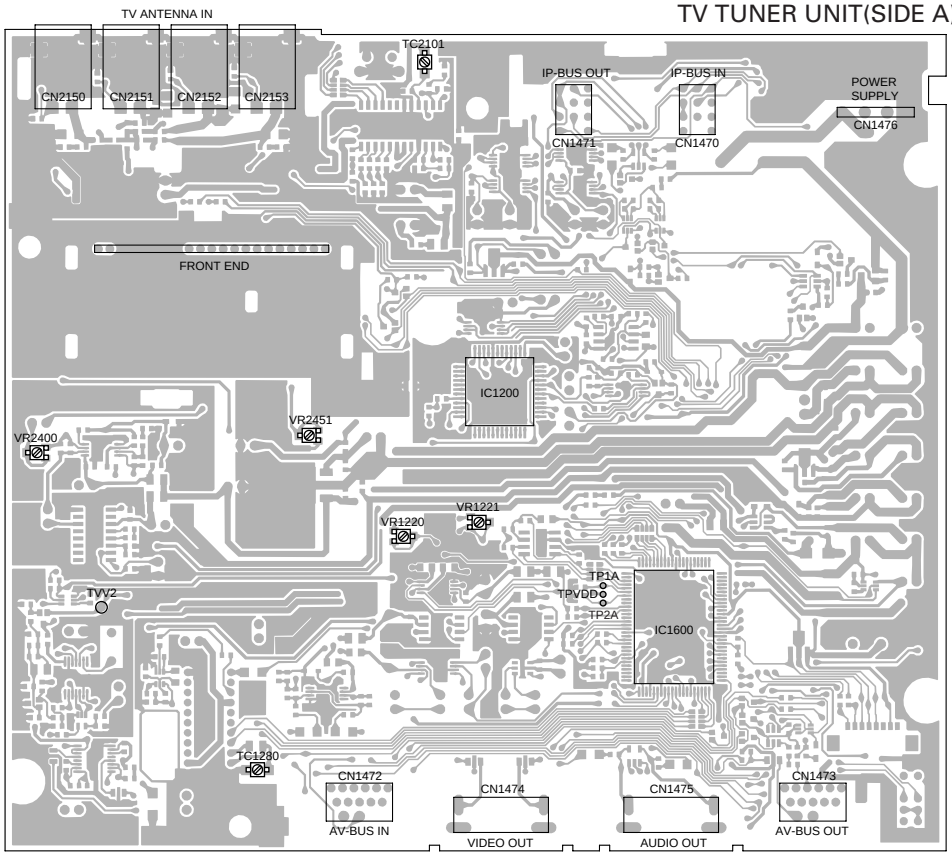
Circuit Symbol and No.			Part No.
C 2158	(B,17,134)		CCSRCH5R0D50
C 2159	(B,20,134)		CCSRCH5R0D50
C 2160	(B,54,127)		CCSRCH5R0D50
C 2161	(B,48,129)		CCSRCH5R0D50
C 2164	(B,57,113)		CKSRYB103K50
C 2165	(A,73,112)		CEJQ100M16
C 2166	(B,43,124)		CKSRYB103K50
C 2202	(B,40,105)	(EW)	CKSRYB104K50
C 2203	(B,48,105)	(EW)	CKSRYB102K50
C 2204	(A,31,119)	470µF/10V	CCH1438
C 2205	(B,42,105)	(EW)	CKSRYB104K50
C 2206	(B,35,105)		CCSRCH101J50
C 2207	(B,36,105)		CCSRCH101J50
C 2208	(B,46,105)		CKSQYB225K10
C 2209	(A,8,78)		CEJQ100M16
C 2210	(B,55,111)	(EW)	CKSRYB102K50
C 2212	(B,53,102)	(EW)	CKSRYB102K50
C 2213	(B,49,112)	(EW)	CKSRYB102K50
C 2223	(A,24,127)		CKSRYB102K50
C 2400	(B,21,75)		CKSRYB104K50
C 2401	(A,32,74)		CEJQ220M16
C 2402	(A,12,73)		CCSRCH101J50
C 2403	(A,27,71)		CCSRCH101J50
C 2404	(B,17,70)		CKSRYB104K50
C 2405	(A,17,67)		CEJQ220M16
C 2406	(A,17,70)		CKSRYB104K50
C 2407	(A,27,77)		CKSRYB105K10
C 2453	(B,44,83)		CKSRYB103K50
C 2454	(A,45,74)		CEJQ220M16
C 2501	(B,23,55)		CKSRYB103K50
C 2502	(A,29,52)		CEJQ220M16
C 2503	(A,24,56)		CKSRYB102K50
C 2504	(A,24,59)		CKSRYB682K50
C 2505	(A,24,61)		CKSRYB104K50
C 2506	(A,29,60)		CEJQ220M16
C 2507	(A,10,61)		CEJQNP100M16
C 2509	(B,21,65)		CKSRYB105K10
C 2601	(A,62,70)		CKSRYB104K50
C 2602	(A,67,75)	470µF/10V	CCH1438
C 2603	(A,62,65)		CKSRYB104K50
C 2604	(A,43,66)		CEJQ101M16

6. ADJUSTMENT

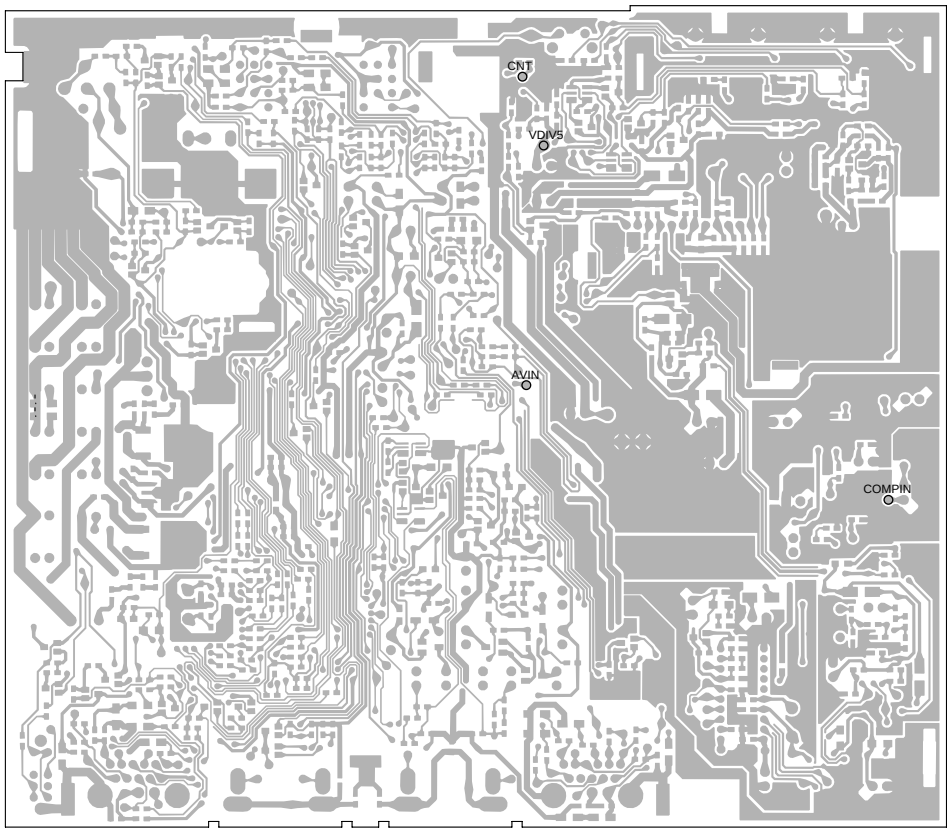
6.1 SIGNAL ADJUSTMENT

● **Adjustment Point**

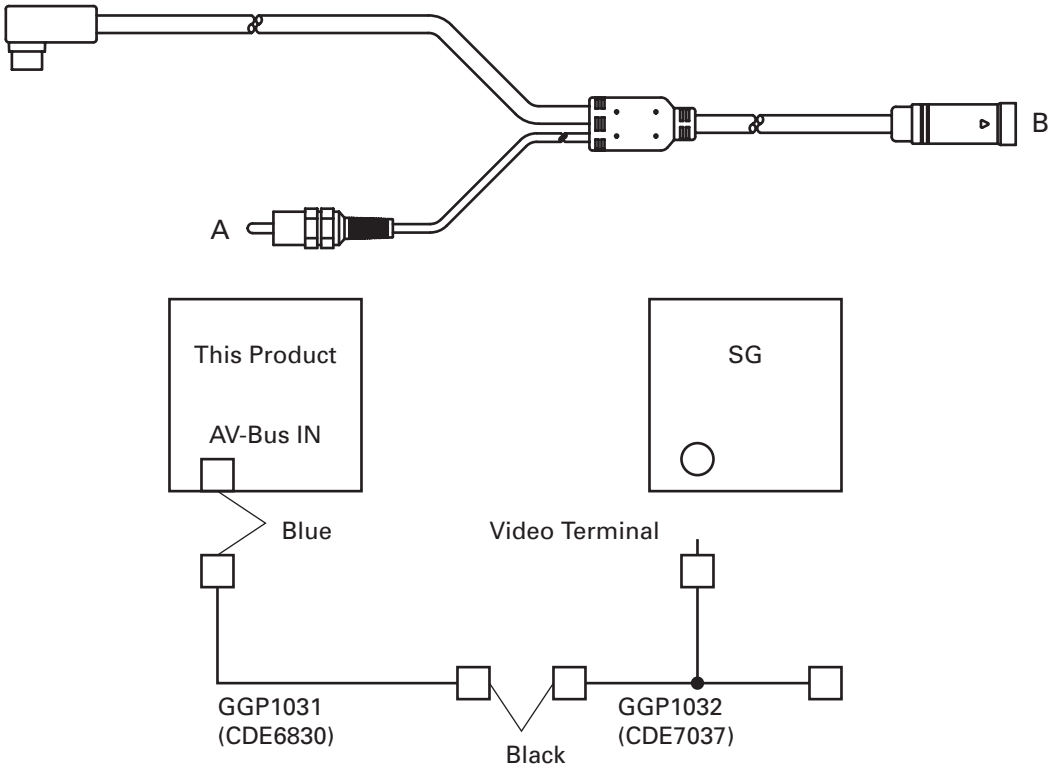
TV TUNER UNIT(SIDE A)



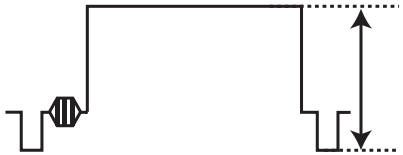
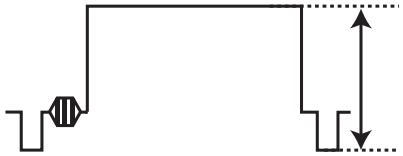
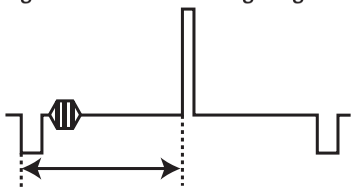
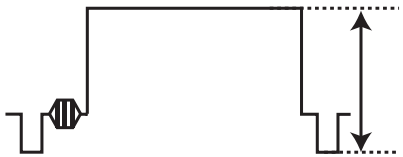
TV TUNER UNIT(SIDE B)



About connecting cables:
In the steps 1 and 2, the video signal should be applied to the AV-BUS IN terminal.
The AV-BUS connector has been designed specially for this model.
Therefore, use the following cables when the video signal is applied from the signal generator:
GGP1032(CDE7037) (see below.) and GGP1031(CDE6830) (provided with the product)
1) Connect the (A) side of the cable GGP1032(CDE7037) to the signal generator.
2) Connect the (B) side of the cable GGP1032(CDE7037) to the black side of the cable GGP1031(CDE6830).
3) Connect the blue side of the cable GGP1031(CDE6830) to the AV-BUS IN terminal on the unit.



*1 : Short-circuit TP2A and TPVDD.
*2 : Short-circuit TP1A and TPVDD. (with positioning adjustment OSD output)
NTSC : GEX-P5700TV/UC, GEX-P5750TV/ES
PAL : GEX-P5700TVP/EW, GEX-P5750TVP/ES

Step	Adjustment item	Input (input test pin,specs, other conditions)	Output (measuring point, waveform)	Measuring instruments	Specs	Adjusting point
1	Video output level (front) adjustment	Input test pin : AVIN Signal : 100IRE(white 100%) Level : 1.0Vp-p(via 75Ω) Mode : Test mode (*1) Measuring conditions : Select the 75-ohm terminal on the measuring instrument.	Measuring point : FRONT VIDEO OUT Sync tip to 100IRE (waveform top) 	Oscilloscope	1.0 ± 0.05Vp-p	VR1221
2	Video output level (rear) adjustment	Input test pin : AVIN Signal : 100IRE(white 100%) Level : 1.0Vp-p(via 75Ω) Mode : Test mode (*1) Measuring conditions : Select the 75-ohm terminal on the measuring instrument.	Measuring point : REAR VIDEO OUT Sync tip to 100IRE (waveform top) 	Oscilloscope	1.0 ± 0.05Vp-p	VR1220
3	OSD display position adjustment	Input test pin : none Signal : none Level : none Mode : Test mode (*2) Measuring conditions : Select the 75-ohm terminal on the measuring instrument.	Measuring point : REAR VIDEO OUT The time between the Sync leading edge and video leading edge. 	Oscilloscope	NTSC : 34.8 ± 0.1µsec PAL : 35.7 ± 0.1µsec	TC1280
4-1	TV video signal output level adjustment (NTSC)	Apply the RF signal of the rated level (59dBµV at 75ohms) that is synchronized with 10ch (P carrier: 193.25MHz) and modulated with a white signal (White 100%, audio: monaural 1kHz, 25kHz/div).	Measuring point : TVV2 Sync tip to 100IRE (waveform top) 	Oscilloscope	1.0 ± 0.05Vp-p	VR2451

NTSC : GEX-P5700TV/UC, GEX-P5750TV/ES
PAL : GEX-P5700TVP/EW, GEX-P5750TVP/ES

Step	Adjustment item	Input (input test pin,specs, other conditions)	Output (measuring point, waveform)	Measuring instruments	Specs	Adjusting point
4-2	TV video signal output level adjustment (PAL)	Apply the RF signal of the rated level (59dBμV at 75ohms) that is synchronized with 8ch (P carrier: 196.25MHz) and modulated with a white signal (White 100%, audio: monaural 1kHz, 50kHz/div).	Measuring point : TVV2 Sync tip to 100IRE (waveform top) 	Oscilloscope	1.0 ± 0.05Vp-p	VR2451
5-1	TV audio signal output level adjustment (NTSC)	Apply the RF signal of the rated level (59dBμV at 75ohms) that is synchronized with 10ch (P carrier: 193.25MHz) and modulated with a white signal (White 100%, audio: monaural 1kHz, 25kHz/div).	Measuring point : COMPIN	Noise meter	120mVrms	VR2400
5-2	TV audio signal output level adjustment (PAL)	Apply the RF signal of the rated level (59dBμV at 75ohms) that is synchronized with 8ch (P carrier: 196.25MHz) and modulated with a white signal (White 100%, audio: monaural 1kHz, 50kHz/div).	Measuring point : COMPIN	Noise meter	120mVrms	VR2400
6	Diversity adjustment		Measuring point : CNT, VDIV5 With the rated input, the voltage at TP.CNT should be 0.5 times larger than that at TP.VDIV5.	DC meter	(VDIV5V ÷ 2) ± 0.1V	TC2101

TV sensitivity indication is 75ohms(UN BAL) voltage and prescribe reflection carrier level.
NTSC SYSTEM Audio carrier level is reflection carrier level –6dB.
PAL SYSTEM Audio carrier level is reflection carrier level –10dB.

7. GENERAL INFORMATION

7.1 DIAGNOSIS

7.1.1 DISASSEMBLY

● **Removing the Case (Fig.1)**

1 Remove the seven screws and then remove the Case.

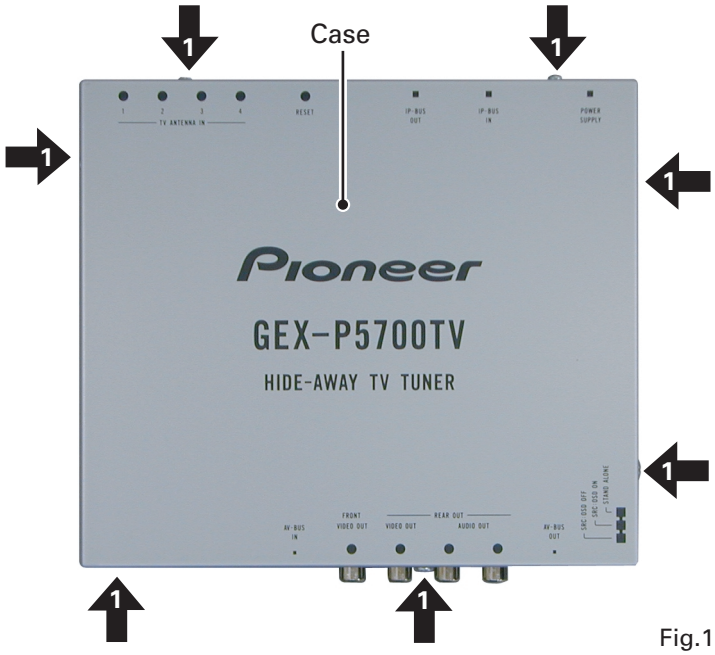


Fig.1

● **Removing the TV Tuner Unit (Fig.2)**

1 Straighten the tabs at four locations indicated.

2 Remove the four screws and then remove the TV Tuner Unit.

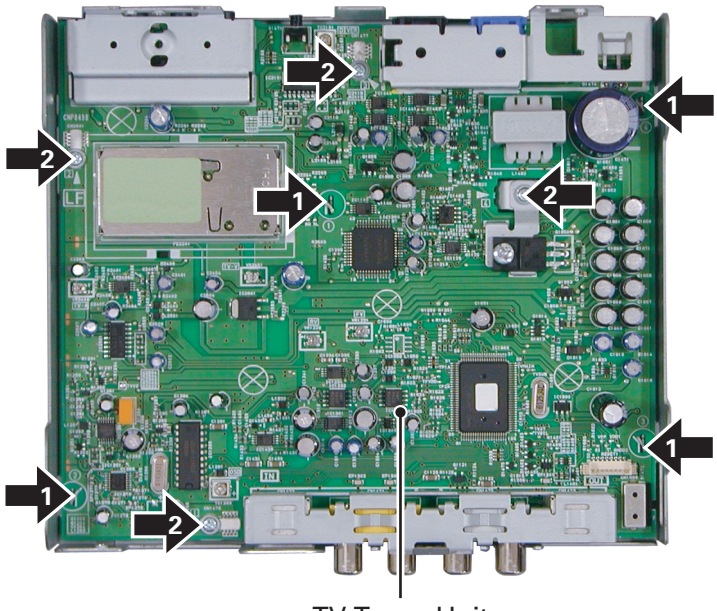
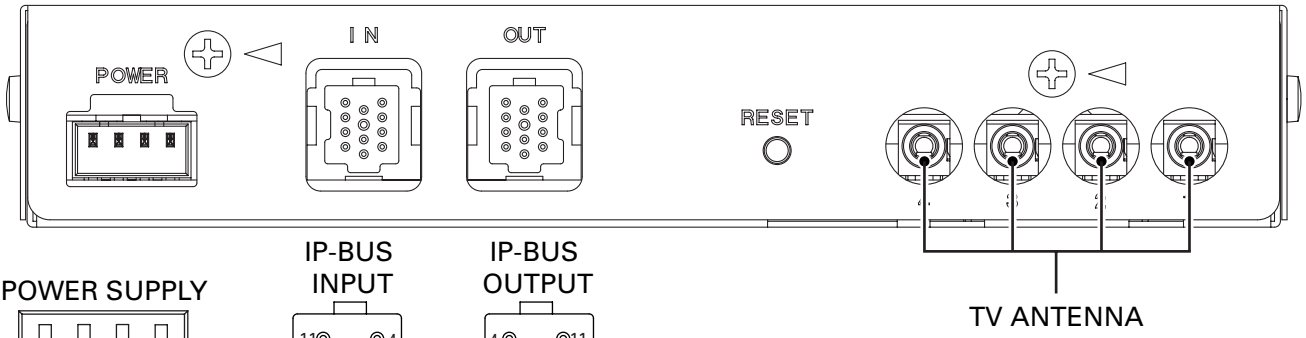
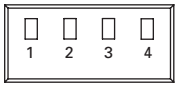


Fig.2

7.1.2 CONNECTOR FUNCTION DESCRIPTION

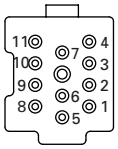


POWER SUPPLY



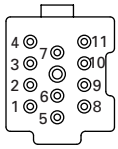
1. GND
2. PARKING BRAKE SIGNAL
3. ACC
4. BUP

IP-BUS INPUT

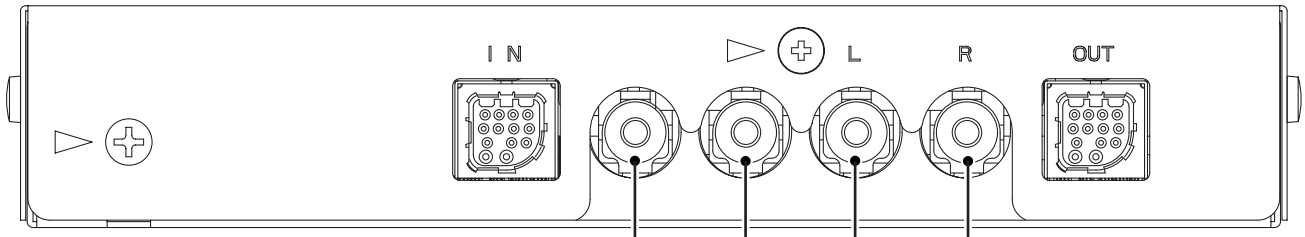


1. BUS+
2. GND
3. GND
4. NC
5. BUS-
6. GND
7. Lch
8. ASENB
9. Rch
10. R-GND
11. L-GND

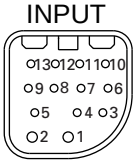
IP-BUS OUTPUT



1. BUS+
2. GND
3. GND
4. NC
5. BUS-
6. GND
7. Lch
8. ASENB
9. Rch
10. R-GND
11. L-GND



AV-BUS INPUT



FRONT VIDEO OUTPUT

REAR VIDEO OUTPUT

REAR AUDIO L OUTPUT

REAR AUDIO R OUTPUT

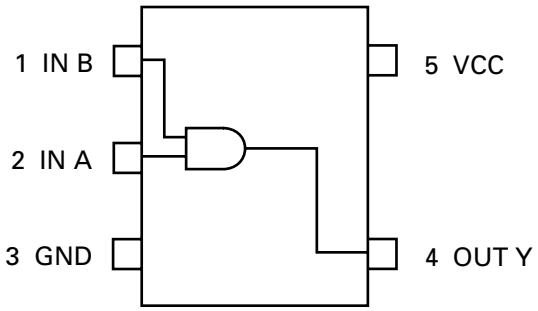
AV-BUS OUTPUT

1. VIDEO GND
2. COMP VIDEO
3. NC
4. IP-SEL1
5. IP-SEL2
6. LED_V
7. GND
8. BEEP_MUTE
9. BEEP-
10. REMOUT
11. NEW AV SENS
12. AVONOUT
13. BEEP+

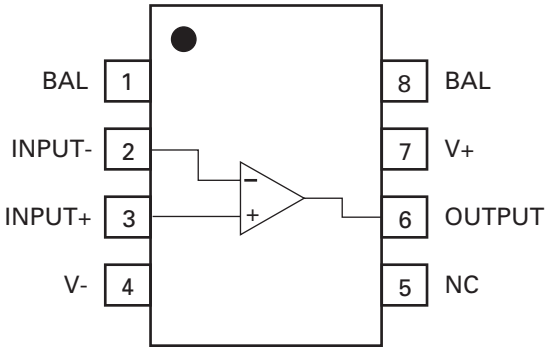
1. VIDEO GND
2. COMP VIDEO
3. REMPW
4. IP-SEL1
5. IP-SEL2
6. LED_V
7. GND
8. BEEP_MUTE
9. BEEP-
10. REMIN
11. NC
12. AVONOUT
13. BEEP+

7.2 IC

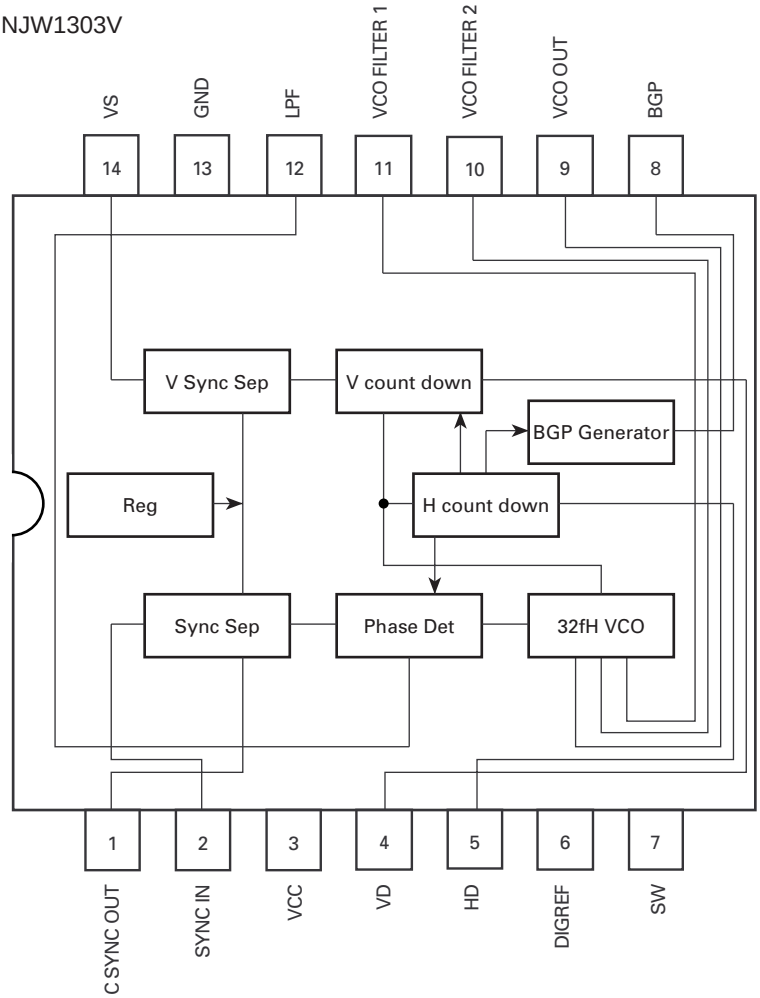
* TC7SH08FUS1



NJM2136V

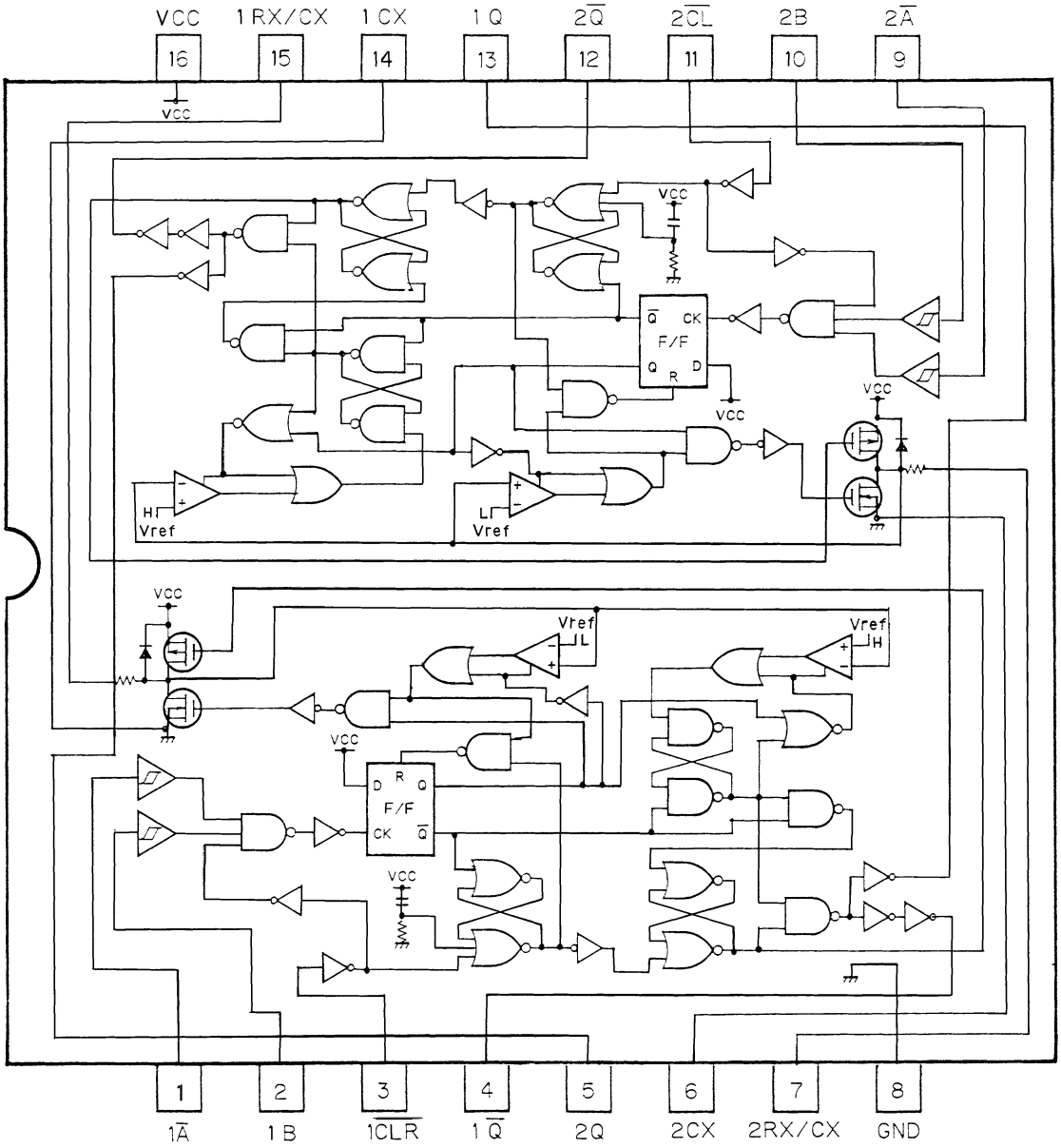


* NJW1303V

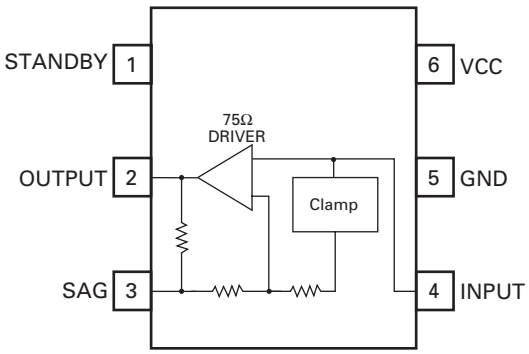


IC's marked by * are MOS type.
Be careful in handling them because they are
very liable to be damaged by electrostatic induction.

* TC74VHC123AFTS1



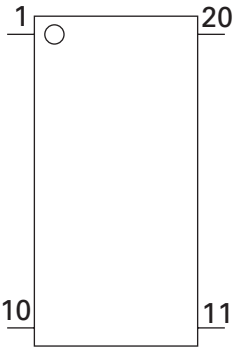
TK15405BMI



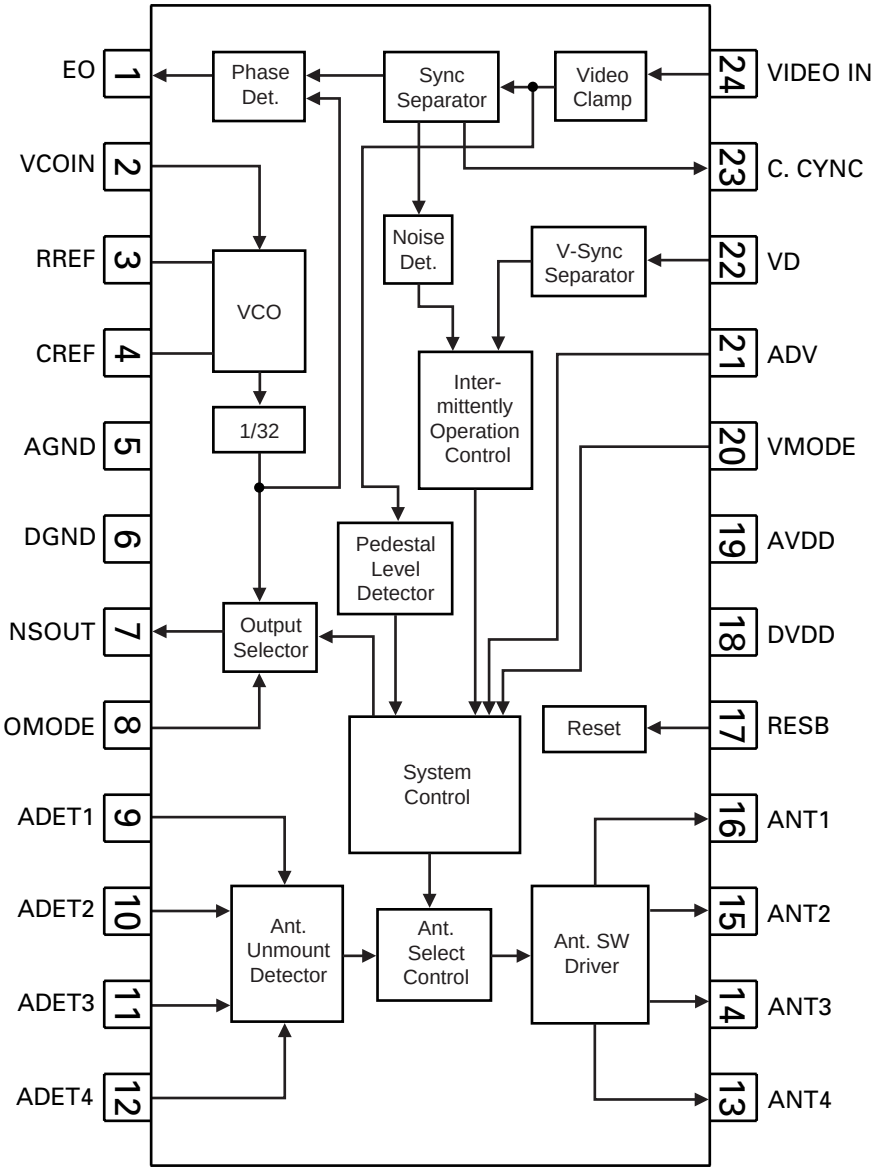
● Pin Functions(M35014-001SP)

Pin No.	Pin Name	I/O	Function and Operation
1	OSC1		Crystal oscillator connection pin
2	OSC2		Crystal oscillator connection pin
3	$\overline{CS}$	I	Chip select input
4	SCK	I	Serial clock input
5	SIN	I	Serial data input
6	$\overline{AC}$	I	Auto clear input
7	VDD2		Power supply
8	CVIDEO	O	Video signal output
9	LECHA	I	Character level input
10	CVIN	I	Video signal input
11	VSS		GND
12-15	P0-3	O	Port output 0-3
16	OSCOUT		Crystal oscillator connection pin
17	OSCIN		Crystal oscillator connection pin
18	HOR	I	Horizontal synchronizing signal input
19	VERT	I	Vertical synchronizing signal input
20	VDD1		Power supply

* M35014-001SP



* CM0035AM

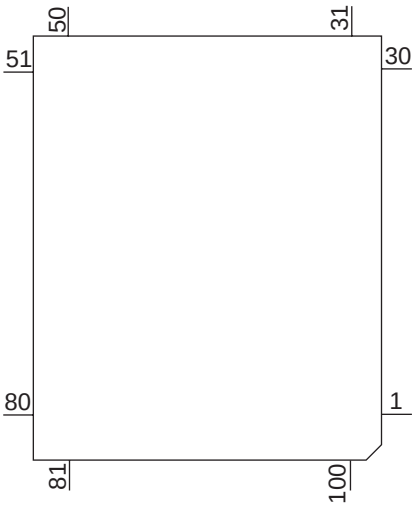


● Pin Functions(PE5494A)

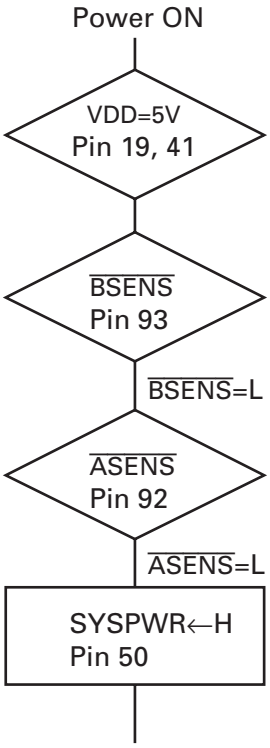
Pin No.	Pin Name	I/O	Function and Operation
1	BEEP	O	BEEP output
2,3	NC		Not used
4	$\overline{\text{TVBIL}}$		Not used
5	$\overline{\text{TVST}}$		Not used
6	TVSD	I	SD input
7	(TVPCE)		Not used
8	TVSDA	I/O	TV tuner PLL data input/output
9	TVSCL	O	TV tuner PLL clock output
10	NC		Not used
11	$\overline{\text{RESET}}$	I	Reset input
12	XT2		OPEN
13	XT1		Connect to GND via the capacitor
14	VSS		GND
15	X2		Crystal oscillator connection pin
16	X1		Crystal oscillator connection pin
17	REGOFF		Connect to GND
18	REGC		Connect to GND
19	VDD		Power supply
20	NC		Not used
21	TVMAIN		Not used
22	$\overline{\text{TVSUB}}$		Not used
23	BRSBGI	O	TV tuner country code BG/I output
24	BRSDKI	O	TV tuner country code DK/I output
25-35	NC		Not used
36	$\overline{\text{MUTEIP}}$	O	IP-OUT audio mute output
37	$\overline{\text{MUTERE}}$	O	Rear out audio mute output
38	NC		Not used
39	TVSEL	O	TV tuner source on select output
40	VSS		GND
41	VDD		Power supply
42	RVSEL	O	Rear video output select control output
43	FVSEL	O	Front video output select control output
44	RVMUTE	O	Rear video output MUTE output
45	FVMUTE	O	Front video output MUTE output
46	FRCMUTE	O	Front RCA video output MUTE output
47	VMUTE	O	Video output MUTE output
48	ACCPW	O	Current consumption decrease output
49	TVPW	O	TV power supply control output
50	SYSPW	O	System power supply control output
51	REARON		Not used
52	NC		Not used
53	ROMDATA		Not used
54	ROMCLK		Not used
55	ROMCS		Not used
56	SOMODE1	I	OSD adjustment screen input
57	SOMODE2	I	Video signal level adjustment input
58,59	NC		Not used
60	SDA	I/O	Serial data input/output
61	SCL	O	Serial clock output
62,63	NC		Not used
64	TESTIN	I	Chip test input
65	TSCK	O	Test mode clock output
66	TSI	I	Test mode data input
67,68	NC		Not used
69	MODE1	I	Stand-alone/Slave mode select input 1
70	MODE2	I	Stand-alone/Slave mode select input 2
71,72	NC		Not used
73	IC(Vpp)		Microcomputer ground connection
74	TVSL	I	TV tuner signal level input
75	TVSIM	I	TV tuner model select input

Pin No.	Pin Name	I/O	Function and Operation
76-80	NC		Not used
81	IPPW	O	IP-BUS driver power supply control output
82	AVDD		A/D converter analog power supply
83	AVREF1		Connect to VDD
84	AVSS		A/D converter GND
85	RX(IP-BUS)	I	IP-BUS data input
86	TX(IP-BUS)	O	IP-BUS data output
87	NMI		Connect to GND
88	REMIN	I	Remote control input
89	PBSENS	I	Parking brake sense input
90,91	NC		Not used
92	$\overline{\text{ASENS}}$	I	ACC sense input
93	$\overline{\text{BSENS}}$	I	Backup sense input
94	NC		Not used
95	SO		Not used
96	SI		Not used
97	OSDCK	O	OSD serial clock output
98	OSDDT	O	OSD serial data output
99	$\overline{\text{OSDCS}}$	O	OSD chip select output
100	$\overline{\text{OSDAC}}$	O	OSD all clear output

* PE5494A



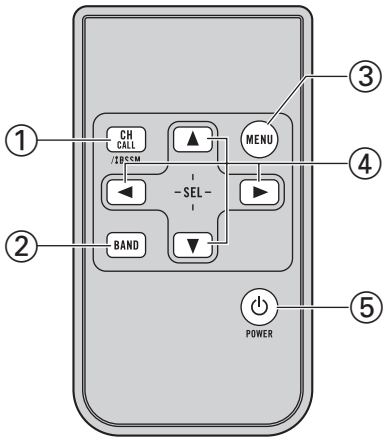
7.3 OPERATIONAL FLOW CHART



Completes power-on operation.
(After that, proceed to each source operation)

8. OPERATIONS

● **GEX-P5700TV/UC**



Remote control

This unit's supplied remote control is mainly for use by rear seat passengers. When using, point at the front panel or signal receptor on the combined Pioneer head unit.

① **CH CALL button**
SRC : OSD ON mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the front and rear display.
SRC : OSD OFF mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the rear display.

② **BAND button**
Not used.

③ **MENU button**
Not used.

④ **▲/▼/◄/► buttons**
SRC : OSD ON mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.
SRC : OSD OFF mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.

⑤ **POWER button**
SRC : OSD ON mode
Press to turn the rear display on or off when the TV is not selected as a source.
SRC : OSD OFF mode
Press to turn the rear display on or off when the TV is not selected as a source.▣

Other remote controls

You can also perform operations with the remote controls shown below.

When using a Pioneer car DVD player's remote control

When using a remote control supplied with SDV-P7, AVX-P7300DVD, XDV-P90.

❶ **II► button**
Press and hold to **BSSM** on or off.

❷ **Remote control operation mode switch**
When operating a TV, be sure to set the remote control operation mode switch to **TV** position.

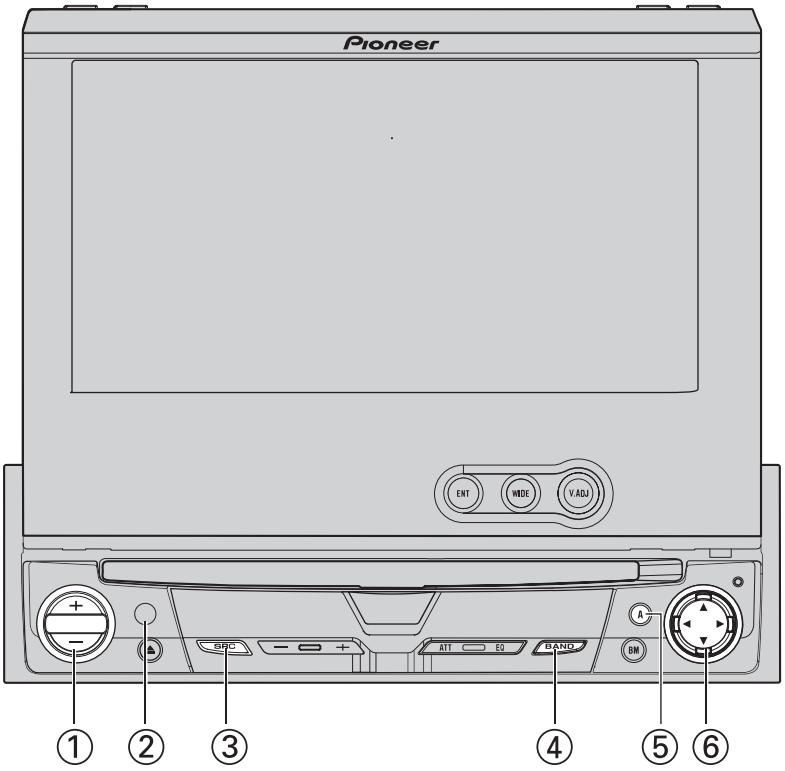
When using a Pioneer car DVD player's remote control

When using a remote control supplied with AVH-P7600DVD, AVH-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVX-P8DVD or optional remote control CD-R5.

❶ **1-10 (1–6) buttons**
Press to do direct channel select.

❷ **Joystick**
Move to do manual seek tuning and preset tuning.

❸ **Remote control operation mode switch**
When operating a TV, be sure to set the remote control operation mode switch to **TV** position.▣



What's What

Head unit (e.g., AVH-P5700DVD)

Operate this unit (for TV reception) with the connected head unit. Instructions in this manual use AVH-P5700DVD as an example of head unit.

① **VOLUME**
Press to increase or decrease the volume.

② **Signal receptor**
Receives signals from a remote control.

③ **SOURCE button**
This unit is turned on by selecting a source. Press to cycle through all the available sources.

④ **BAND button**
Press to select among two TV bands and to cancel the control mode of functions.

⑤ **A.MENU button**
Press to display **MENU**.

⑥ **▲/▼/◄/► buttons**
Press to do manual seek tuning. Also used for controlling functions.▣

Operating with different head units

Head unit group 1

The following head units featuring touch panel key operation.
AVH-P7600DVD, AVH-P7500DVD, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD, AVX-P8DVD

Head unit group 2

When using the following head units, operation is different from AVH-P5700DVD.
The following head units featuring **FUNCTION** button operation or SOFT KEY operation.

FH-P5000MP, FH-P4200MP, DVH-P5000MP, DEH-P9600MP, DEH-P960MP, DEH-P6500MP, DEH-P850MP, DEH-P7600MP, DEH-P760MP, DEH-P7500MP, DEH-P750MP, DEH-P6700MP, DEH-P670MP, DEH-P6600, DEH-P660, DEH-P6500MP, DEH-P650MP, DEH-P5600MP, DEH-P560MP, DEH-P5500MP, DEH-P550MP, DEH-P4700MP, DEH-P470MP, DEH-P4600MP, DEH-P460MP, DEH-P4500MP, DEH-P450MP, DEH-P3700MP, DEH-P3600, DEH-P360, DEH-P3500, DEH-P350, DEH-P35, DEH-P2600, DEH-P26, DEH-P2500, DEH-P250, DEH-P25

Head unit group 3

When using the following head units, operation is different from AVH-P5700DVD.
The following head units featuring **MULTI-CONTROL** operation.
DEH-P8600MP, DEH-P860MP, DEH-P80MP, DEH-P8MP, DEH-P7700MP, DEH-P770MP

Head unit group 4

When using the following head units, operation is different from AVH-P5700DVD.
The following head units are navigation units featuring touch panel key operation.
AVIC-N2, AVIC-N1, AVIC-D1▣

Function compatibility charts

Head unit group 1

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Touch **BAND**.
Preset tuning	Touch ▲ or ▼.
Manual tuning (step by step)	Touch ◄ or ►.
Seek tuning	Keep touching ◄ or ►.
Select a function	Touch **A.MENU** and then touch **FUNCTION**.

Head unit group 2

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Press ▲ or ▼.
Manual tuning (step by step)	Press ◄ or ►.
Seek tuning	Press and hold ◄ or ►.
Preset memory	Press and hold **1-10 (1–6)**.
Direct recall	Press **1-10 (1–6)**.
BSSM	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼
Preset channel list	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼/◄/►

Head unit group 3

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Push **MULTI-CONTROL** up or down.
Manual tuning (step by step)	Push **MULTI-CONTROL** left or right.
Seek tuning	Push and hold **MULTI-CONTROL** left or right.
Select a function	Use **MULTI-CONTROL**.

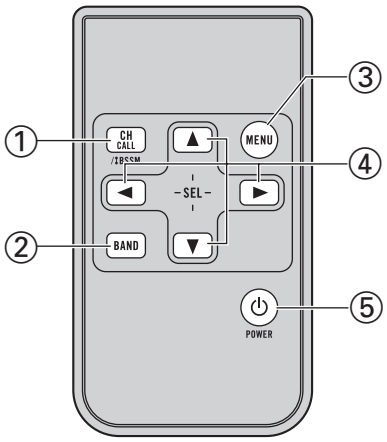
Head unit group 4

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Touch **BAND**.
Preset tuning	Touch ▲ or ▼.

Controls	
Manual tuning (step by step)	Touch ◄ or ►.
Seek tuning	Keep touching ◄ or ►.
Select a function	Touch **A.MENU** and then touch **FUNCTION**.

▣

● **GEX-P5700TVP/EW**



Remote control

This unit's supplied remote control is mainly for use by rear seat passengers. When using, point at the remote control sensor.

① **CH CALL button**

SRC : OSD ON mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the front and rear display.

SRC : OSD OFF mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the rear display.

STAND ALONE mode
Press to display the current channel and other settings.

② **BAND button**

SRC : OSD ON mode
Not used. Alternatively, use **BAND** on the head unit.

SRC : OSD OFF mode
Not used. Alternatively, use **BAND** on the head unit.

STAND ALONE mode
Press to select among two TV bands and to cancel the control mode of functions.

③ **MENU button**

SRC : OSD ON mode
Press to display the menu screen on the front and rear display.

SRC : OSD OFF mode
Press to display the menu screen on the rear display.

STAND ALONE mode
Press to display the area group setting screen.

④ **▲/▼/◄/► buttons**

SRC : OSD ON mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.

SRC : OSD OFF mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.

STAND ALONE mode
Press to do manual seek tuning and preset tuning.

⑤ **POWER button**

SRC : OSD ON mode
Press to turn the rear display on or off when the TV is not selected as a source.

SRC : OSD OFF mode
Press to turn the rear display on or off when the TV is not selected as a source.

STAND ALONE mode
Press to turn this unit on or off.▣

Other remote controls

You can also perform operations with the remote controls shown below.

When using a Pioneer car DVD player's remote control

When using a remote control supplied with SDV-P7, AVX-P7300DVD, XDV-P9II.

❶ II► button

Press to display the current channel and other settings when using this unit as **STAND ALONE** mode.
Press and hold to **BSSM** on or off.

❷ PLAY/PAUSE (►/II) button

Press to display the area group setting screen.

❸ Remote control operation mode switch

When operating a TV, be sure to set the remote control operation mode switch to **TV** position.

When using a Pioneer car DVD player's remote control

When using a remote control supplied with AVH-P7500DVDII, AVH-P7500DVD, AVH-P6600DVD, AVH-P6500DVD or optional remote control CD-R5.

❶ 1–10 (1-6) buttons

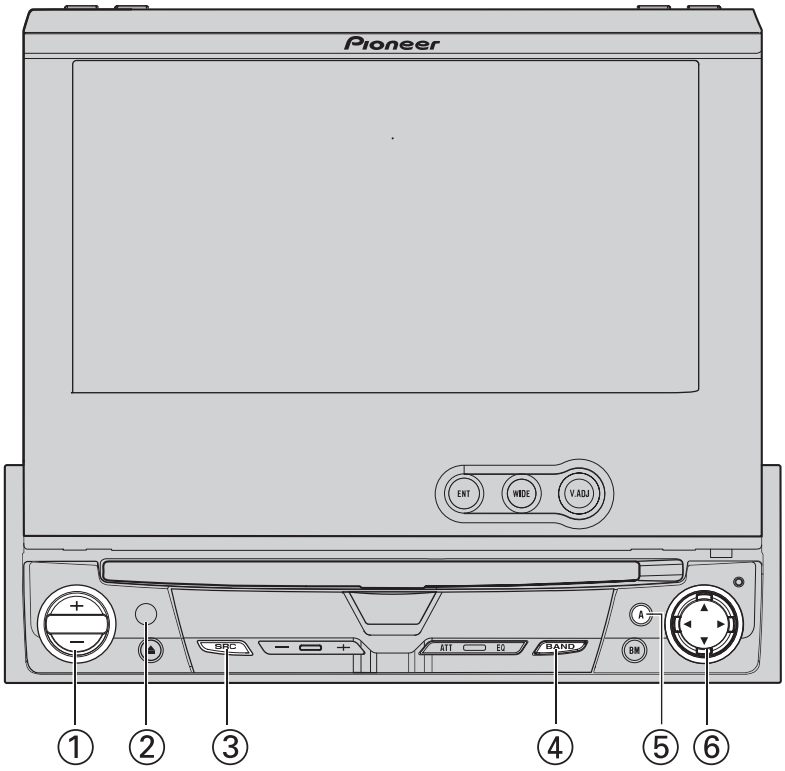
Press to do direct channel select.

❷ Joystick

Move to do manual seek tuning and preset tuning. Click to recall menu screen. When using this unit as **STAND ALONE** mode, click to display the area group setting screen. Also used for controlling functions.

❸ Remote control operation mode switch

When operating a TV, be sure to set the remote control operation mode switch to **TV** position. ▣



Only when using this unit with* SRC *mode, you can perform the following operations by head unit.

What's What

Head unit (e.g., AVH-P5700DVD)

Operate this unit (for TV reception) with the connected head unit. Instructions in this manual use AVH-P5700DVD as an example of head unit.

① **VOLUME**
Press to increase or decrease the volume.

② **Signal receptor**
Receives signals from a remote control.

③ **SOURCE button**
This unit is turned on by selecting a source. Press to cycle through all the available sources.

④ **BAND button**
Press to select among two TV bands and to cancel the control mode of functions.

⑤ **A.MENU button**
Press to display **MENU**.

⑥ **▲/▼/◄/► buttons**
Press to do manual seek tuning. Also used for controlling functions.

Operating with different head units

Head unit group 1

The following head units featuring touch panel key operation.
AVH-P7500DVD, AVH-P7500DVDII, AVH-P6600DVD, AVH-P6500DVD, AVH-P5700DVD

Head unit group 2
When using the following head units, operation is different from AVH-P5700DVD.
The following head units featuring **FUNCTION** button operation or SOFT KEY operation.
DEH-P9600MP, DEH-P7700MP, DEH-P7600MP, DEH-P7500MP, DEH-P6700MP, DEH-P6600R, DEH-P6500R, DEH-P5730MP, DEH-P5700MP, DEH-P5630MP, DEH-P5600MP, DEH-P5530MP, DEH-P5500MP, DEH-P4500R, DEH-P3630MP, DEH-P3600MP, DEH-P3600MPB, DEH-P3500MP, DEH-P2530R, DEH-P2500R, DVH-P5000MP, ANH-P10MP

Head unit group 3
When using the following head units, operation is different from AVH-P5700DVD.
The following head units featuring **MULTI-CONTROL** operation.
DEH-P8600MP, DEH-P80MP, DEH-P70BT

Head unit group 4
When using the following head units, operation is different from AVH-P5700DVD.
The following head units are navigation units featuring touch panel key operation.
AVIC-N1, AVIC-X1

Function compatibility charts

Head unit group 1

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Touch **BAND**.
Preset tuning	Touch ▲ or ▼.
Manual tuning (step by step)	Touch ◄ or ►.
Seek tuning	Keep touching ◄ or ►.
Select a function	Touch **A.MENU** and then touch **FUNCTION**.

Head unit group 2

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Press ▲ or ▼.
Manual tuning (step by step)	Press ◄ or ►.
Seek tuning	Press and hold ◄ or ►.
Preset memory	Press and hold **1–10 (1-6)**.
Direct recall	Press **1–10 (1-6)**.
BSSM	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼
Preset channel list	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼/◄/►

Head unit group 3

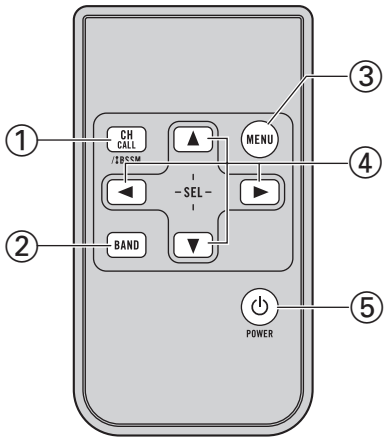
Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Push **MULTI-CONTROL** up or down.
Manual tuning (step by step)	Push **MULTI-CONTROL** left or right.
Seek tuning	Push and hold **MULTI-CONTROL** left or right.
Select a function	Use **MULTI-CONTROL**.

Head unit group 4

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Touch **BAND**.
Preset tuning	Touch ▲ or ▼.

Controls	
Manual tuning (step by step)	Touch ◄ or ►.
Seek tuning	Keep touching ◄ or ►.
Select a function	Touch **A.MENU** and then touch **FUNCTION**.

● **GEX-P5750TV/ES**



Remote control

This unit's supplied remote control is mainly for use by rear seat passengers. When using, point at the remote control sensor.

① **CH CALL button**

SRC : OSD ON mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the front and rear display.
SRC : OSD OFF mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the rear display.
STAND ALONE mode
Press to display the current channel and other settings.

② **BAND button**

SRC : OSD ON mode
Not used. Alternatively, use **BAND** on the head unit.
SRC : OSD OFF mode
Not used. Alternatively, use **BAND** on the head unit.
STAND ALONE mode
Press to select among two TV bands and to cancel the control mode of functions.

③ **MENU button**

Not used.

④ **▲/▼/◄/► buttons**

SRC : OSD ON mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.
SRC : OSD OFF mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.
STAND ALONE mode
Press to do manual seek tuning and preset tuning.

⑤ **POWER button**

SRC : OSD ON mode
Press to turn the rear display on or off when the TV is not selected as a source.
SRC : OSD OFF mode
Press to turn the rear display on or off when the TV is not selected as a source.
STAND ALONE mode
Press to turn this unit on or off.

Other remote controls

You can also perform operations with the remote controls shown below.

When using a Pioneer car DVD player's remote control

When using a remote control supplied with SDV-P7, AVX-P7300DVD, XDV-P9, XDV-P9II.

❶ **II► button**

Press and hold to **BSSM** on or off.

❷ Remote control operation mode switch
When operating a TV, be sure to set the remote control operation mode switch to **TV** position.

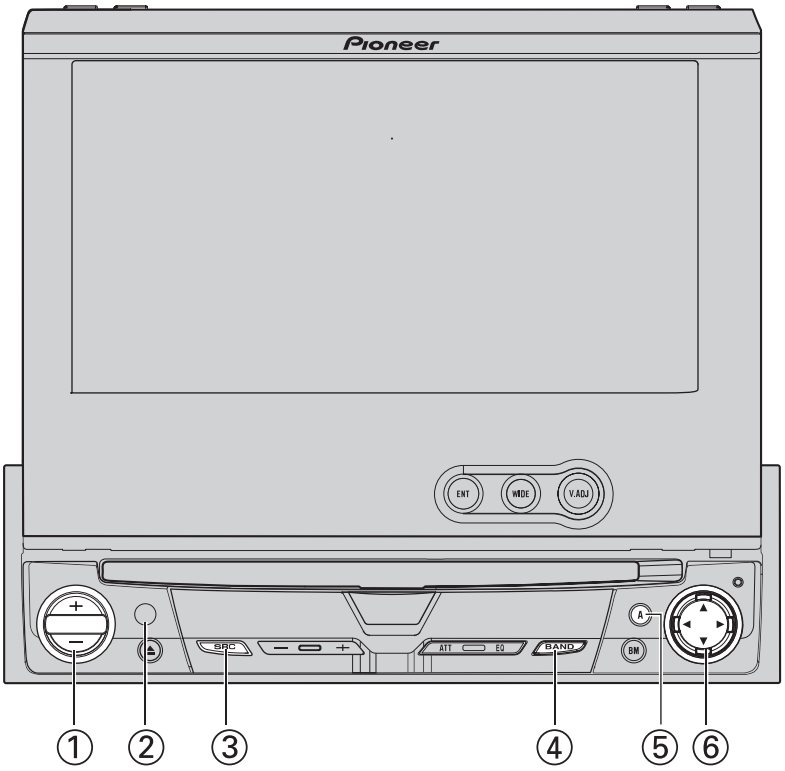
When using a Pioneer car DVD player's remote control

When using a remote control supplied with AVH-P7650DVD, AVH-P7550DVD, AVH-P6650DVD, AVH-P6550DVD, AVH-P5750DVD, AVX-P7650DVD.

❶ 1–6 buttons
Press to do direct channel select.

❷ Joystick
Move to do manual seek tuning and preset tuning. When using this unit as **STAND ALONE** mode, click to display the area group setting screen. Also used for controlling functions.

❸ Remote control operation mode switch
When operating a TV, be sure to set the remote control operation mode switch to **TV** position.▣



Only when using this unit with* SRC *mode, you can perform the following operations by head unit.

What's What

Head unit (e.g., AVH-P5750DVD)

Operate this unit (for TV reception) with the connected head unit. Instructions in this manual use AVH-P5750DVD as an example of head unit.

① **VOLUME**
Press to increase or decrease the volume.

② **Signal receptor**
Receives signals from a remote control.

③ **SOURCE button**
This unit is turned on by selecting a source. Press to cycle through all the available sources.

④ **BAND button**
Press to select among two TV bands and to cancel the control mode of functions.

⑤ **A.MENU button**
Press to display **MENU**.

⑥ **▲/▼/◄/► buttons**
Press to do manual seek tuning. Also used for controlling functions.

Operating with different head units

Head unit group 1
The following head units featuring touch panel key operation.
AVH-P7650DVD, AVH-P7550DVD, AVH-P6650DVD, AVH-P6550DVD, AVH-P5750DVD

Head unit group 2
When using the following head units, operation is different from AVH-P5750DVD.
The following head units featuring **FUNCTION** button operation or SOFT KEY operation.
KEH-P7035, FH-P9200MP, FH-P6200, FH-P5000MP, FH-P4200MP, DVH-P5650MP, DVH-P5050MP, DEH-P9650MP, DEH-P7650MP, DEH-P7550MP, DEH-P6750MP, DEH-P6550, DEH-P5750MP, DEH-P5650MP, DEH-P5550MP, DEH-P4750MP, DEH-P4650MP, DEH-P4550, DEH-P3550MP, DEH-P2650MP, DEH-P2550

Head unit group 3
When using the following head units, operation is different from AVH-P5750DVD.
The following head units featuring **MULTI-CONTROL** operation.
DEH-P8650MP, DEH-P7750MP, DEH-P1Y

Head unit group 4
When using the following head units, operation is different from AVH-P5750DVD.
The following head units featuring remote control operation.
AVX-P7650DVD▣

Function compatibility charts

Head unit group 1

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Touch **BAND**.
Preset tuning	Touch ▲ or ▼.
Manual tuning (step by step)	Touch ◄ or ►.
Seek tuning	Keep touching ◄ or ►.
Select a function	Touch **A.MENU** and then touch **FUNCTION**.

Head unit group 2

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Press ▲ or ▼.
Manual tuning (step by step)	Press ◄ or ►.
Seek tuning	Press and hold ◄ or ►.
Preset memory	Press and hold **1–6**.
Direct recall	Press **1–6**.
BSSM	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼
Preset channel list	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼/◄/►

Head unit group 3

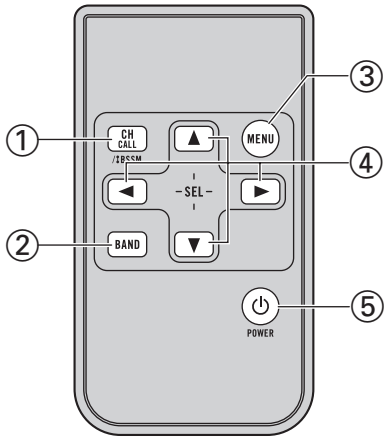
Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Push **MULTI-CONTROL** up or down.
Manual tuning (step by step)	Push **MULTI-CONTROL** left or right.
Seek tuning	Push and hold **MULTI-CONTROL** left or right.
Select a function	Use **MULTI-CONTROL**.

Head unit group 4

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Move the joystick up or down.

Controls	
Manual tuning (step by step)	Move the joystick left or right.
Seek tuning	Hold the joystick left or right for about one second and release.
Select a function	Use the joystick.

● **GEX-P5750TVP/ES**



Remote control

This unit's supplied remote control is mainly for use by rear seat passengers. When using, point at the remote control sensor.

① **CH CALL button**

SRC : OSD ON mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the front and rear display.
SRC : OSD OFF mode
When the TV is selected as a source, or, when the rear TV is on and the TV is not selected as a source:
Channel information is displayed on the rear display.
STAND ALONE mode
Press to display the current channel and other settings.

② **BAND button**

SRC : OSD ON mode
Not used. Alternatively, use **BAND** on the head unit.
SRC : OSD OFF mode
Not used. Alternatively, use **BAND** on the head unit.
STAND ALONE mode
Press to select among two TV bands and to cancel the control mode of functions.

③ **MENU button**

SRC : OSD ON mode
Press to display the menu screen on the front and rear display.
SRC : OSD OFF mode
Press to display the menu screen on the rear display.
STAND ALONE mode
Press to display the area group setting screen.

④ **▲/▼/◄/► buttons**

SRC : OSD ON mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.
SRC : OSD OFF mode
Press to do manual seek tuning and preset tuning. Also used for controlling functions.
STAND ALONE mode
Press to do manual seek tuning and preset tuning.

⑤ **POWER button**

SRC : OSD ON mode
Press to turn the rear display on or off when the TV is not selected as a source.
SRC : OSD OFF mode
Press to turn the rear display on or off when the TV is not selected as a source.
STAND ALONE mode
Press to turn this unit on or off.

Other remote controls

You can also perform operations with the remote controls shown below.

When using a Pioneer car DVD player's remote control

When using a remote control supplied with SDV-P7, AVX-P7300DVD, XDV-P9, XDV-P9II.

❶ II► button

Press to display the current channel and other settings when using this unit as **STAND ALONE** mode.
Press and hold to **BSSM** on or off.

❷ PLAY/PAUSE (►/II) button

Press to display the area group setting screen.

❸ Remote control operation mode switch

When operating a TV, be sure to set the remote control operation mode switch to **TV** position.

When using a Pioneer car DVD player's remote control

When using a remote control supplied with AVH-P7650DVD, AVH-P7550DVD, AVH-P6650DVD, AVH-P6550DVD.

❶ 1–6 buttons

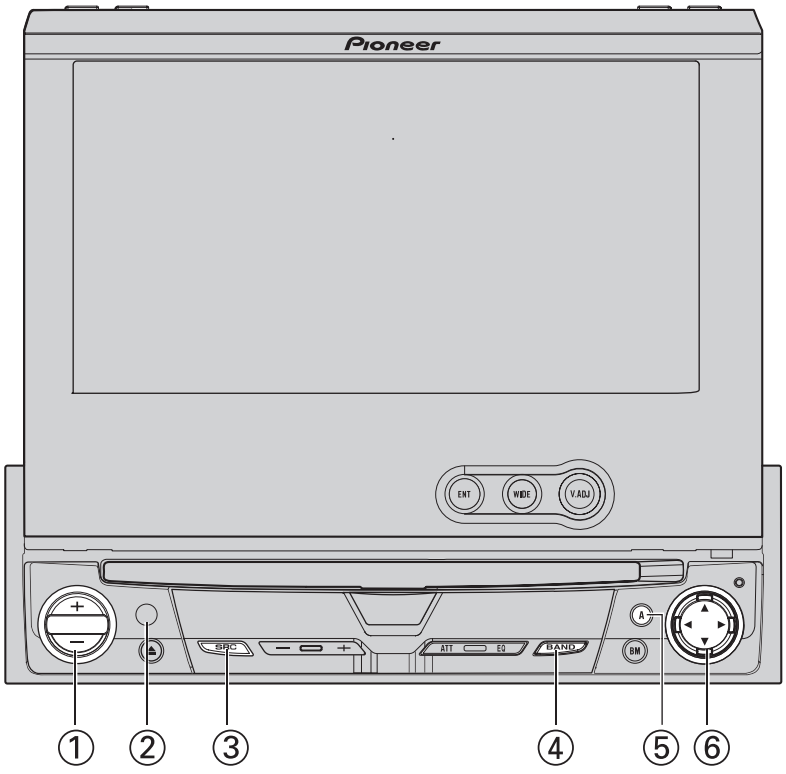
Press to do direct channel select.

❷ Joystick

Move to do manual seek tuning and preset tuning. Click to recall menu screen. When using this unit as **STAND ALONE** mode, click to display the area group setting screen. Also used for controlling functions.

❸ Remote control operation mode switch

When operating a TV, be sure to set the remote control operation mode switch to **TV** position.▣



Only when using this unit with* SRC *mode, you can perform the following operations by head unit.

What's What

Head unit (e.g., AVH-P5750DVD)

Operate this unit (for TV reception) with the connected head unit. Instructions in this manual use AVH-P5750DVD as an example of head unit.

① **VOLUME**
Press to increase or decrease the volume.

② **Signal receptor**
Receives signals from a remote control.

③ **SOURCE button**
This unit is turned on by selecting a source. Press to cycle through all the available sources.

④ **BAND button**
Press to select among two TV bands and to cancel the control mode of functions.

⑤ **A.MENU button**
Press to display **MENU**.

⑥ **▲/▼/◄/► buttons**
Press to do manual seek tuning. Also used for controlling functions.

Operating with different head units

Head unit group 1

The following head units featuring touch panel key operation.
AVH-P7650DVD, AVH-P7550DVD, AVH-P6650DVD, AVH-P6550DVD, AVH-P5750DVD

Head unit group 2

When using the following head units, operation is different from AVH-P5750DVD.
The following head units featuring **FUNCTION** button operation or SOFT KEY operation.
KEH-P7035, FH-P9200MP, FH-P6200, FH-P5000MP, FH-P4200MP, DVH-P5650MP, DVH-P5050MP, DEH-P9650MP, DEH-P7650MP, DEH-P7550MP, DEH-P6750MP, DEH-P6550, DEH-P5750MP, DEH-P5650MP, DEH-P5550MP, DEH-P4750MP, DEH-P4650MP, DEH-P4550, DEH-P3550MP, DEH-P2650MP, DEH-P2550

Head unit group 3

When using the following head units, operation is different from AVH-P5750DVD.
The following head units featuring **MULTI-CONTROL** operation.
DEH-P8650MP, DEH-P7750MP, DEH-P1Y

Head unit group 4

When using the following head units, operation is different from AVH-P5750DVD.
The following head units featuring remote control operation.
AVX-P7650DVD▣

Function compatibility charts

Head unit group 1

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Touch **BAND**.
Preset tuning	Touch ▲ or ▼.
Manual tuning (step by step)	Touch ◄ or ►.
Seek tuning	Keep touching ◄ or ►.
Select a function	Touch **A.MENU** and then touch **FUNCTION**.

Head unit group 2

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Press ▲ or ▼.
Manual tuning (step by step)	Press ◄ or ►.
Seek tuning	Press and hold ◄ or ►.
Preset memory	Press and hold **1–6**.
Direct recall	Press **1–6**.
BSSM	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼
Preset channel list	Press **FUNCTION (FUNC) (A.MENU)**. ▲/▼/◄/►

Head unit group 3

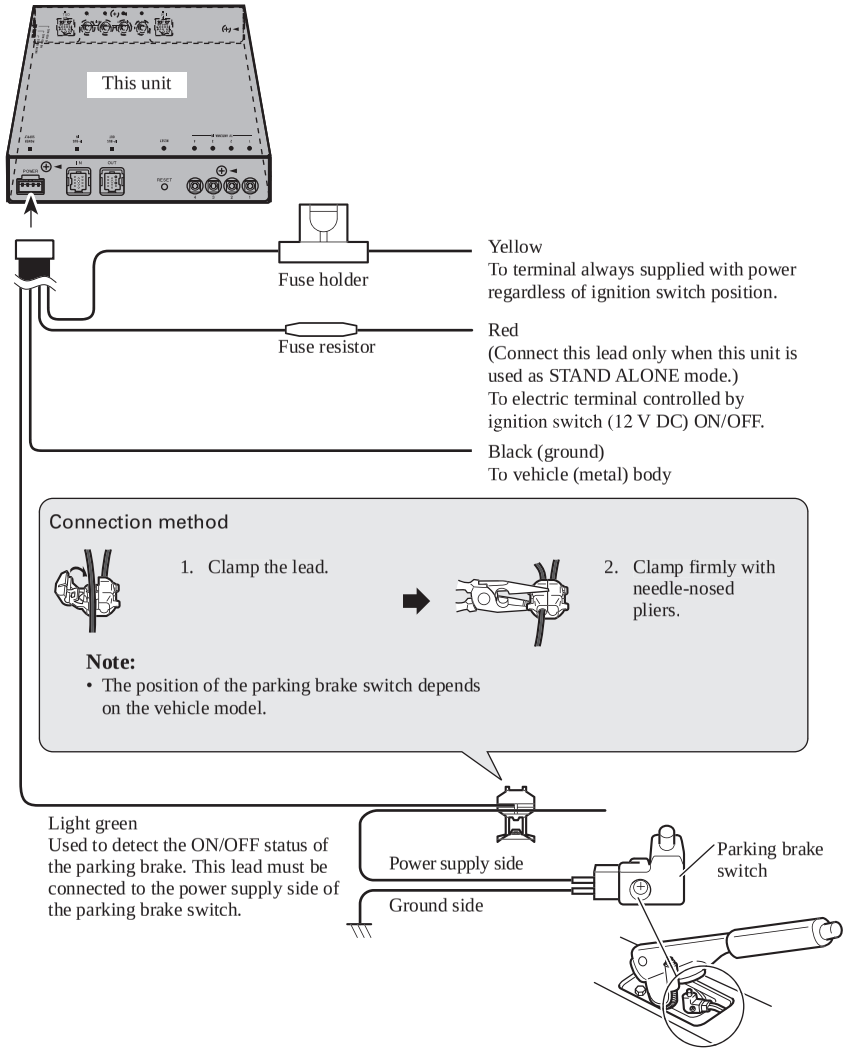
Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Push **MULTI-CONTROL** up or down.
Manual tuning (step by step)	Push **MULTI-CONTROL** left or right.
Seek tuning	Push and hold **MULTI-CONTROL** left or right.
Select a function	Use **MULTI-CONTROL**.

Head unit group 4

Controls	
Select TV as a source	Press **SOURCE**.
Select a band	Press **BAND**.
Preset tuning	Move the joystick up or down.

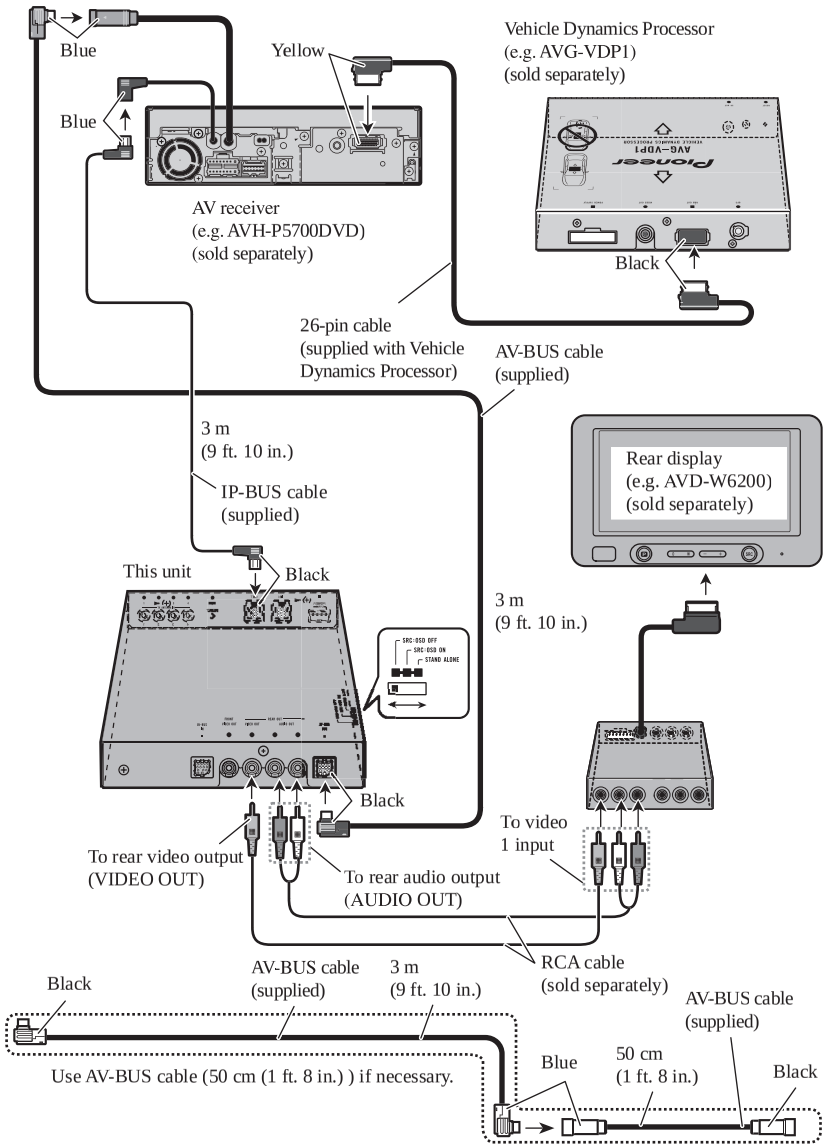
Controls	
Manual tuning (step by step)	Move the joystick left or right.
Seek tuning	Hold the joystick left or right for about one second and release.
Select a function	Use the joystick.

Connecting the power cord

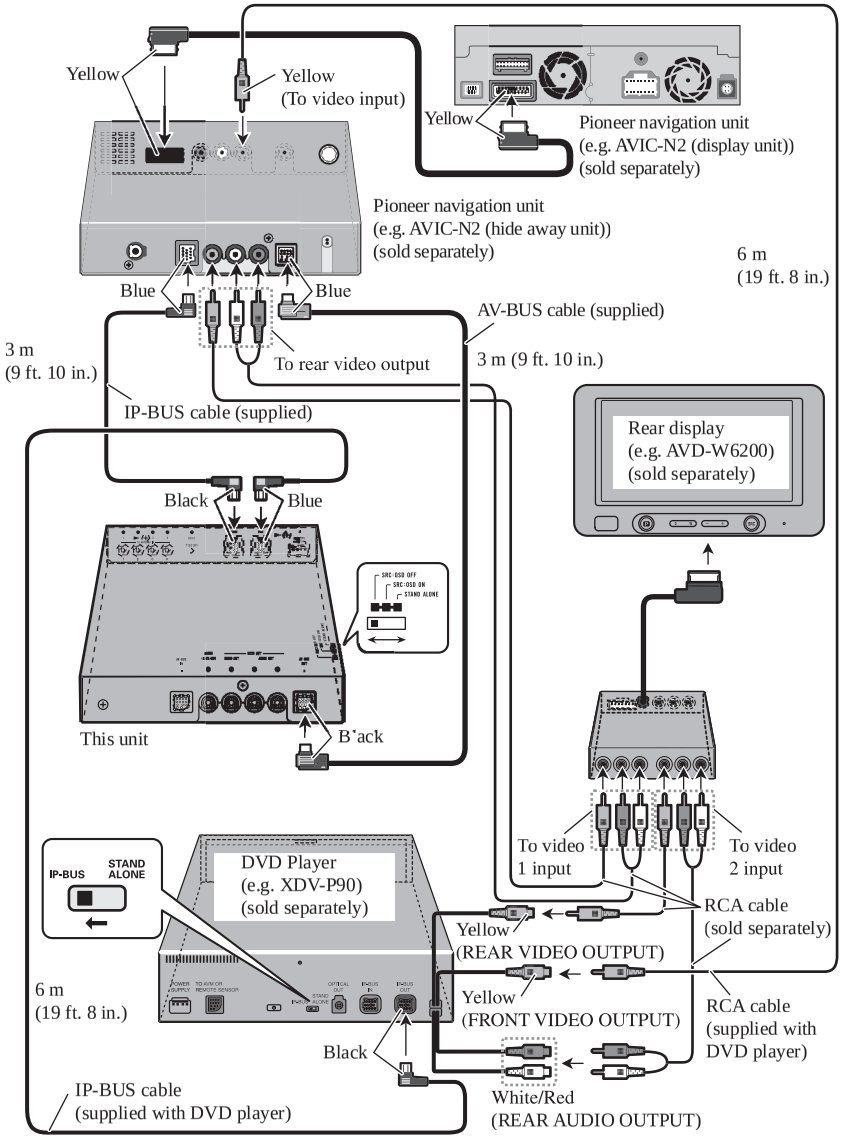

This unit
Fuse holder
Fuse resistor
Yellow
To terminal always supplied with power regardless of ignition switch position.
Red
(Connect this lead only when this unit is used as STAND ALONE mode.)
To electric terminal controlled by ignition switch (12 V DC) ON/OFF.
Black (ground)
To vehicle (metal) body
Connection method
1. Clamp the lead.
2. Clamp firmly with needle-nosed pliers.
Note:
• The position of the parking brake switch depends on the vehicle model.
Light green
Used to detect the ON/OFF status of the parking brake. This lead must be connected to the power supply side of the parking brake switch.
Power supply side
Ground side
Parking brake switch

Connection Diagram

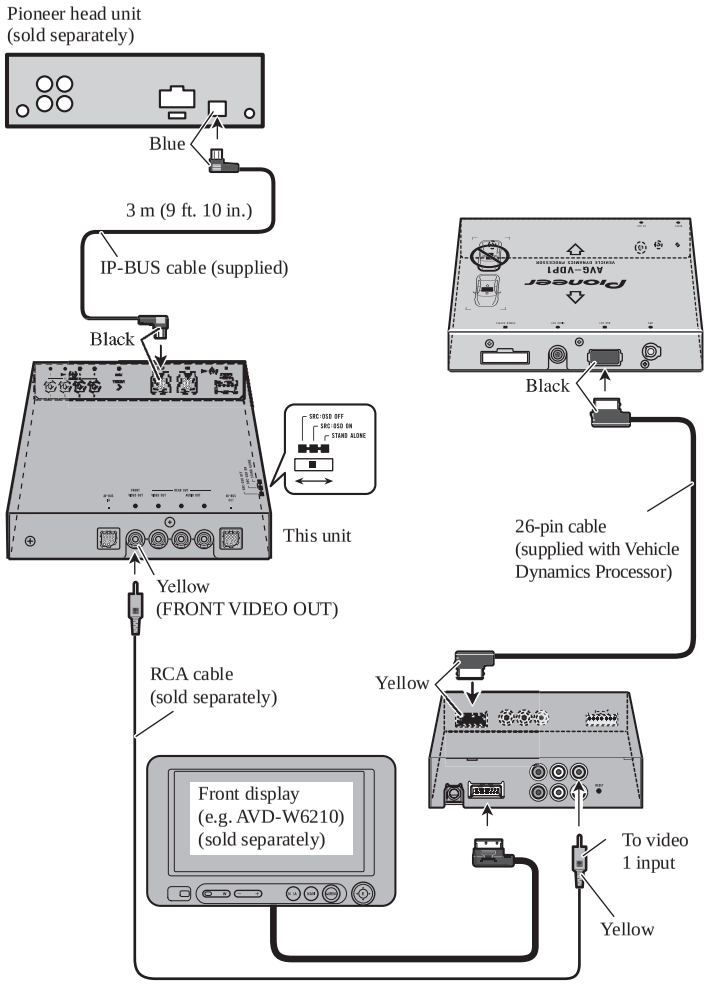
When using this unit as "SRC : OSD OFF" mode (1)



When using this unit as "SRC : OSD OFF" mode (2)

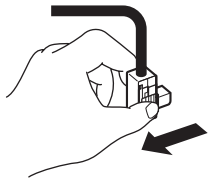


When using this unit as "SRC : OSD ON" mode



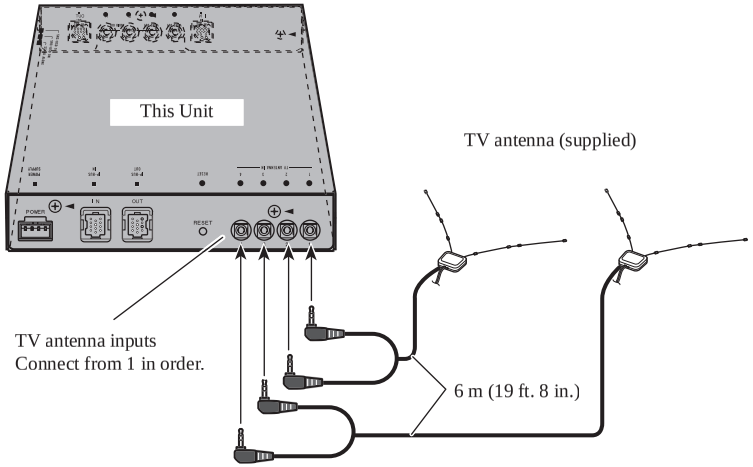
Disconnecting an AV-BUS connector

When disconnecting an AV-BUS connector, grasp it firmly on both sides and pull towards you. This will unlock the connector, enabling disconnection.



TV antenna connection

When connecting the TV Antenna (supplied)



Rear display connection

Note:

- Output to this product's Rear Display is ON when the Head Unit's source is TV.
  If the Head Unit's source is anything other than TV or Head Unit is OFF, pressing POWER button on the supplied remote control enables you to operate TV independently for the Rear Display.
- Output from this product's rear audio output is monaural.